

APPLICATION

PURSUANT TO SECTION 16 OF THE UTILITIES REGULATION ACT CAP. 282 OF THE LAWS OF BARBADOS

FOR A REVIEW OF ELECTRICITY RATES

VOLUME 2

INDEX TO THE BARBADOS LIGHT & POWER COMPANY LIMITED APPLICATION FOR REVIEW OF ELECTRICITY RATES

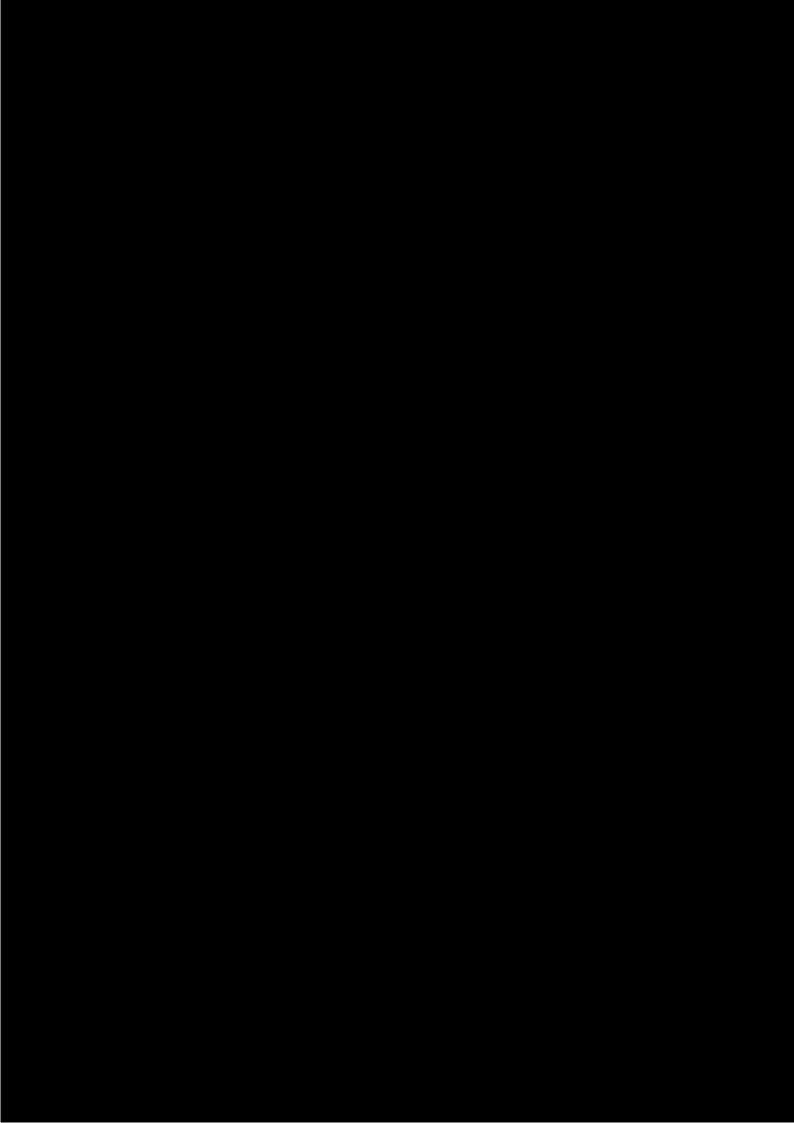
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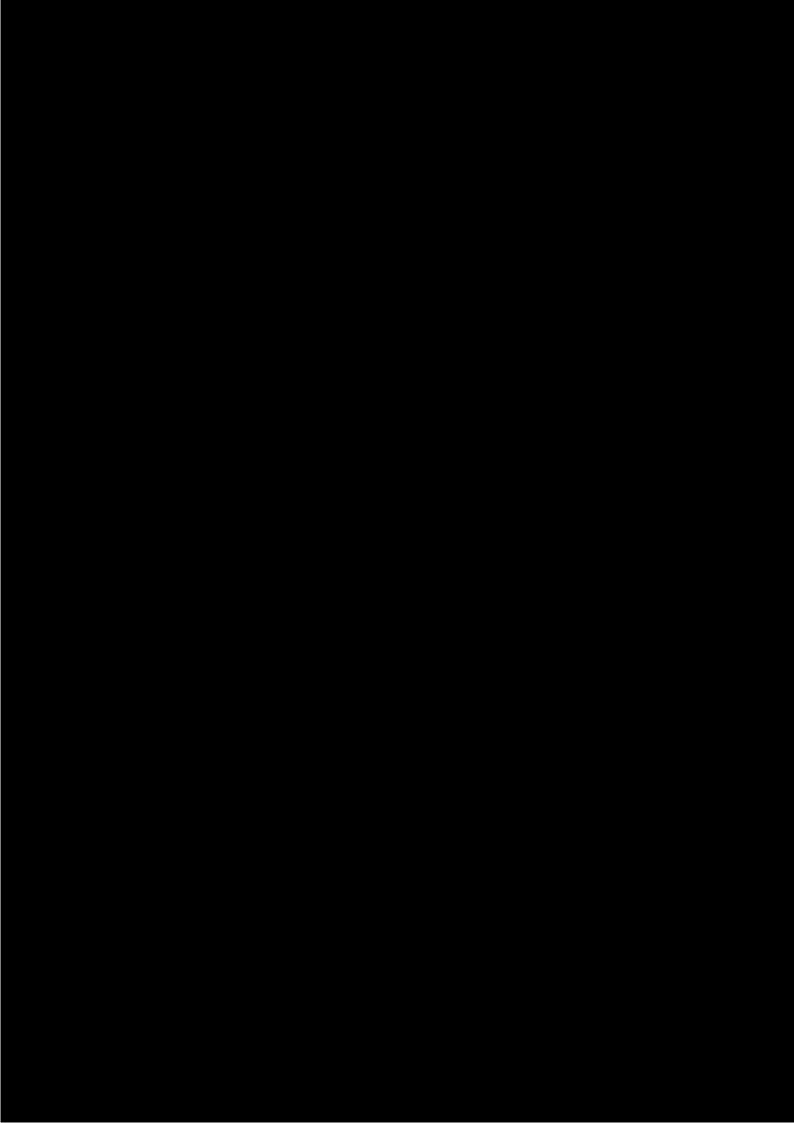
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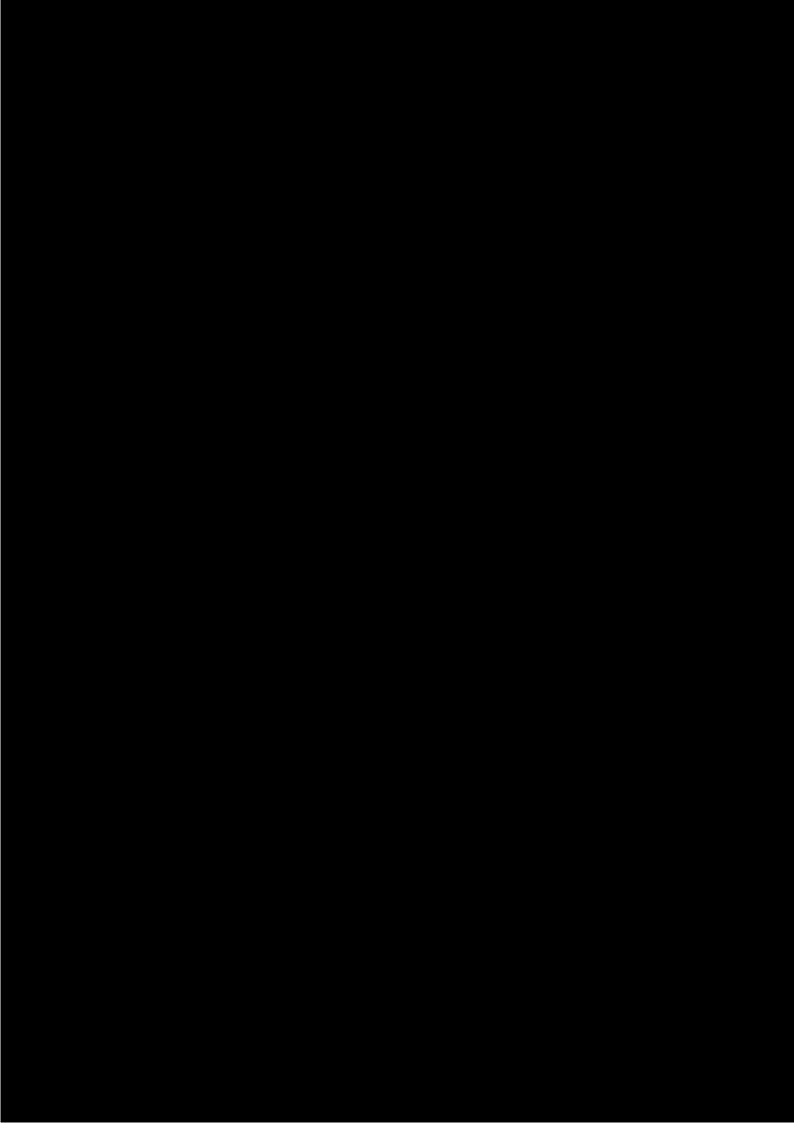
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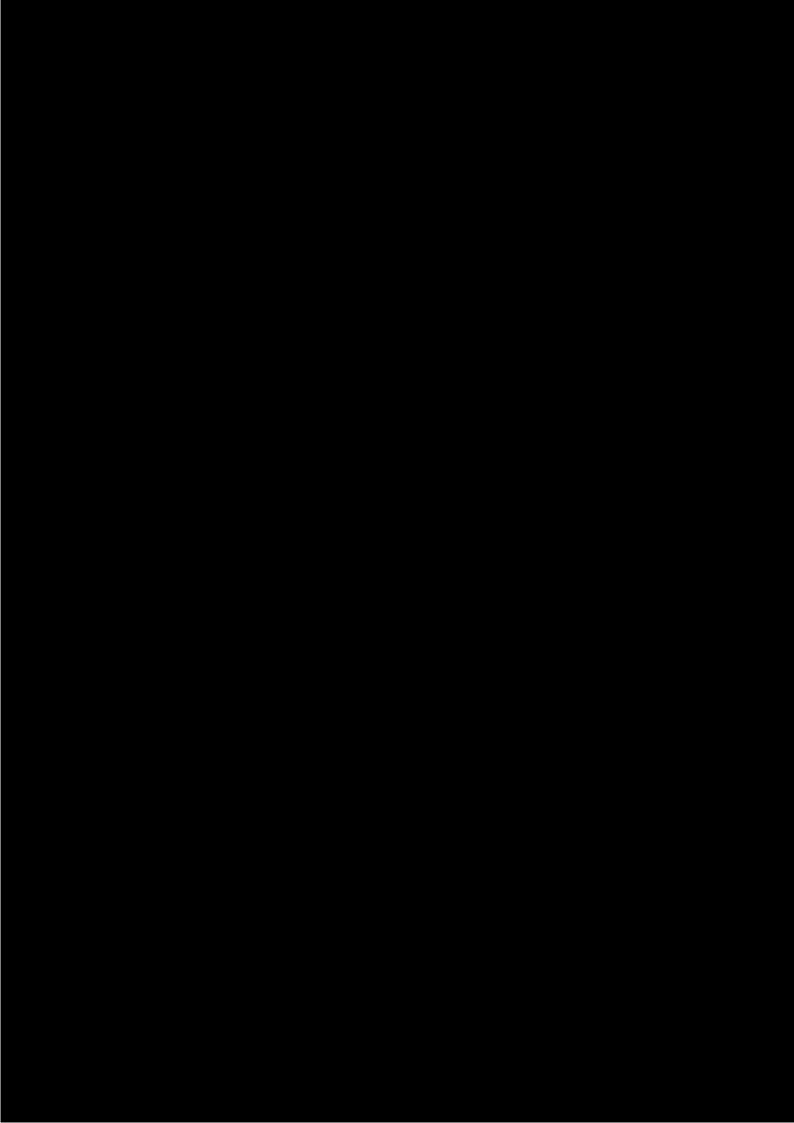
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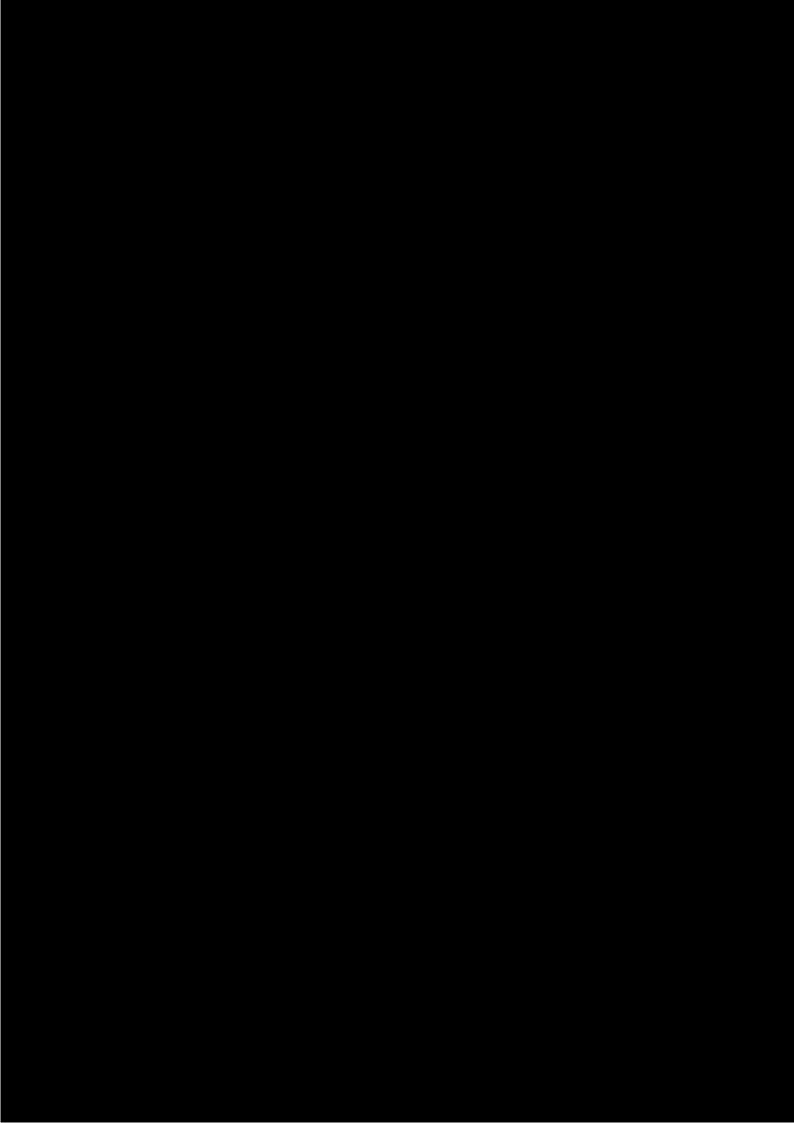


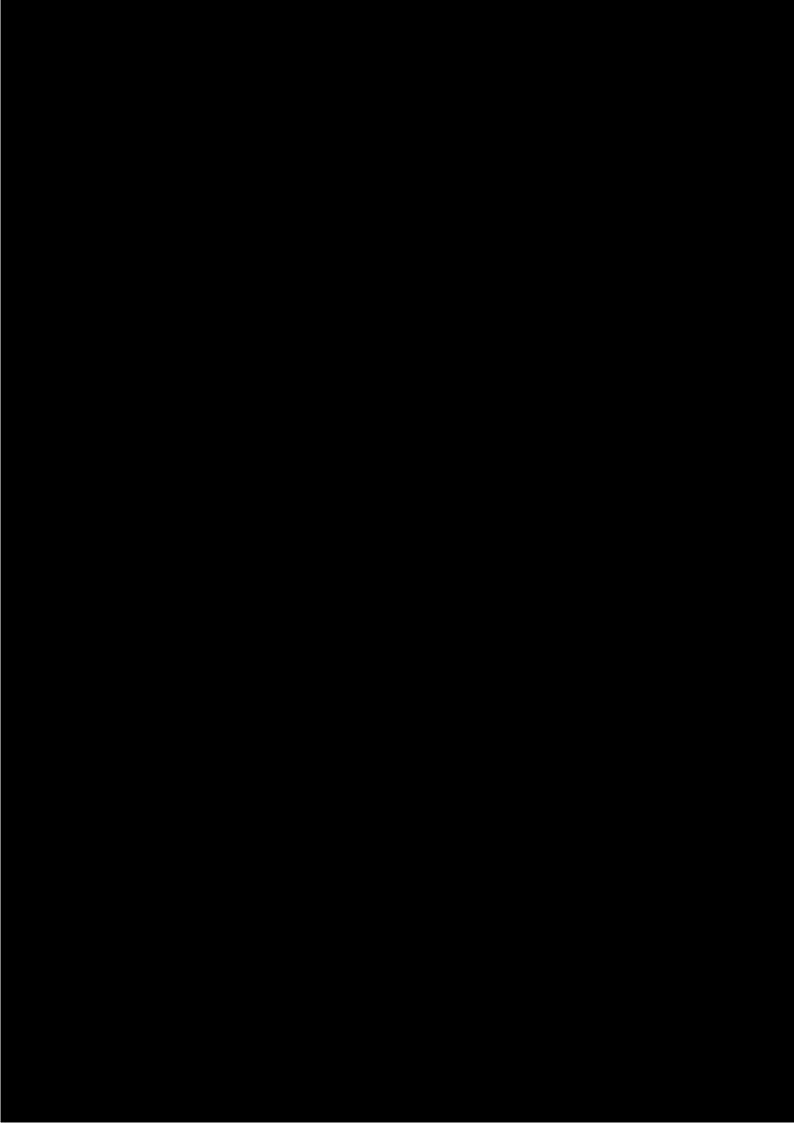


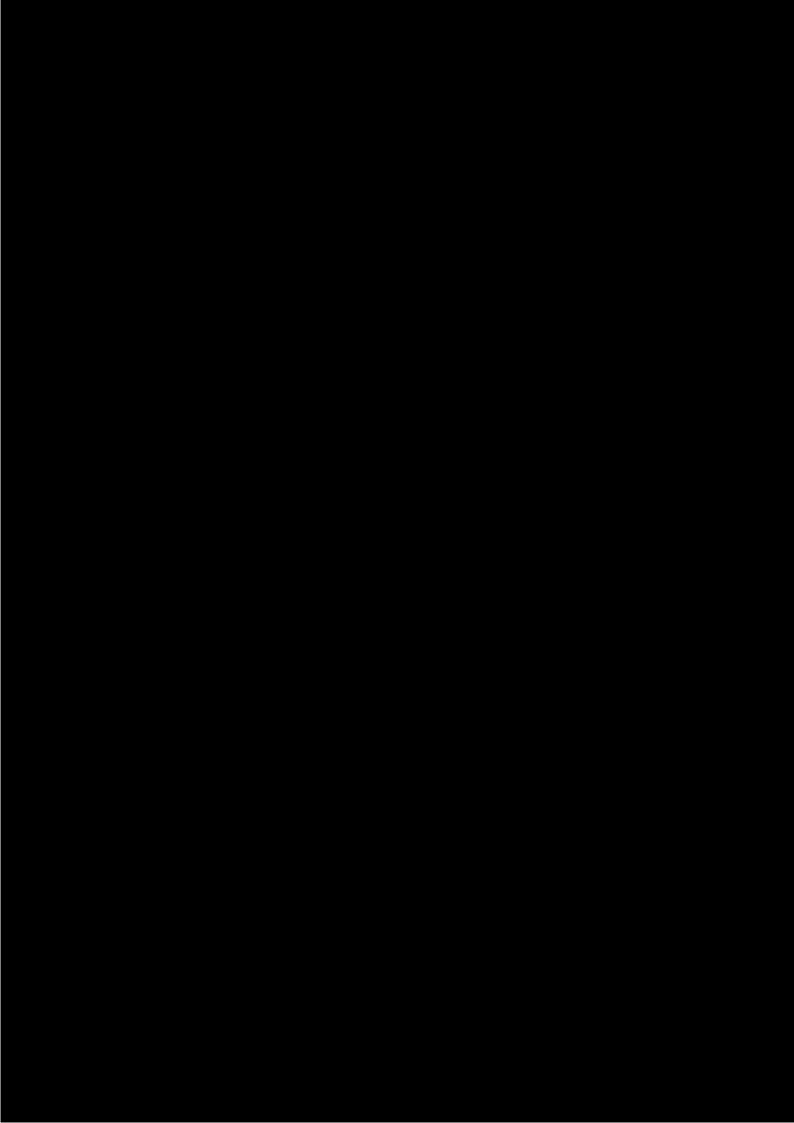


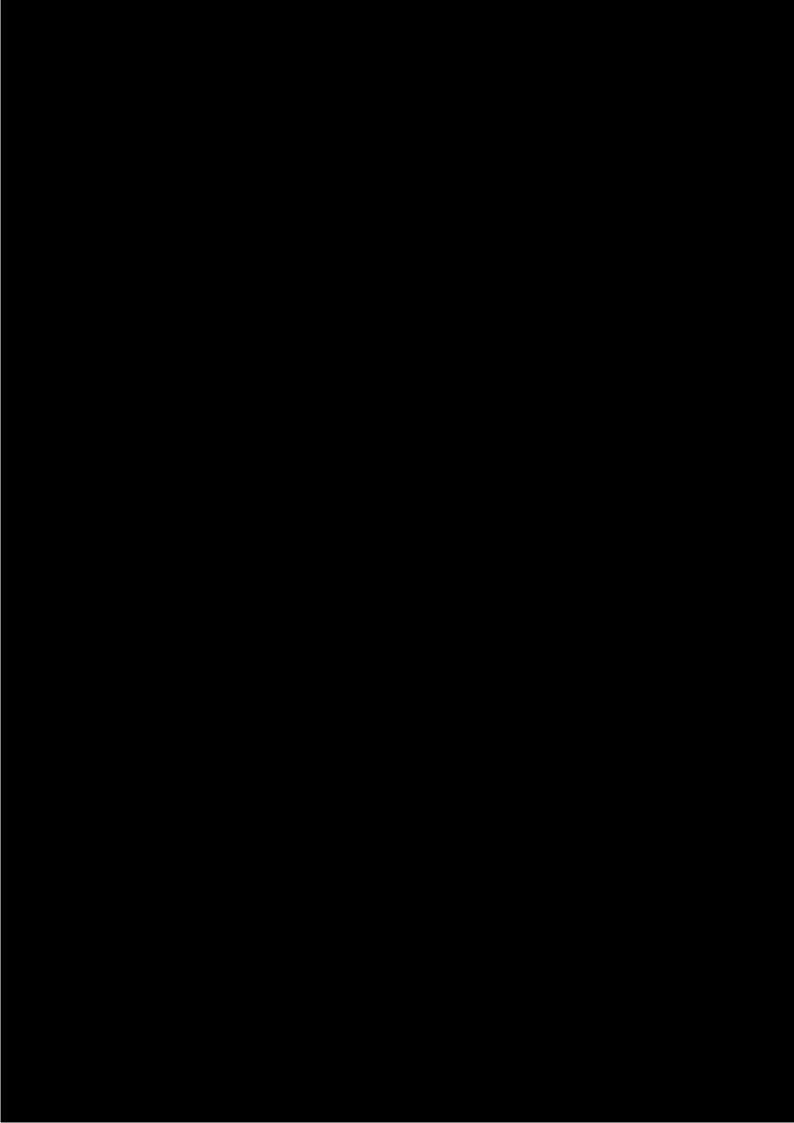


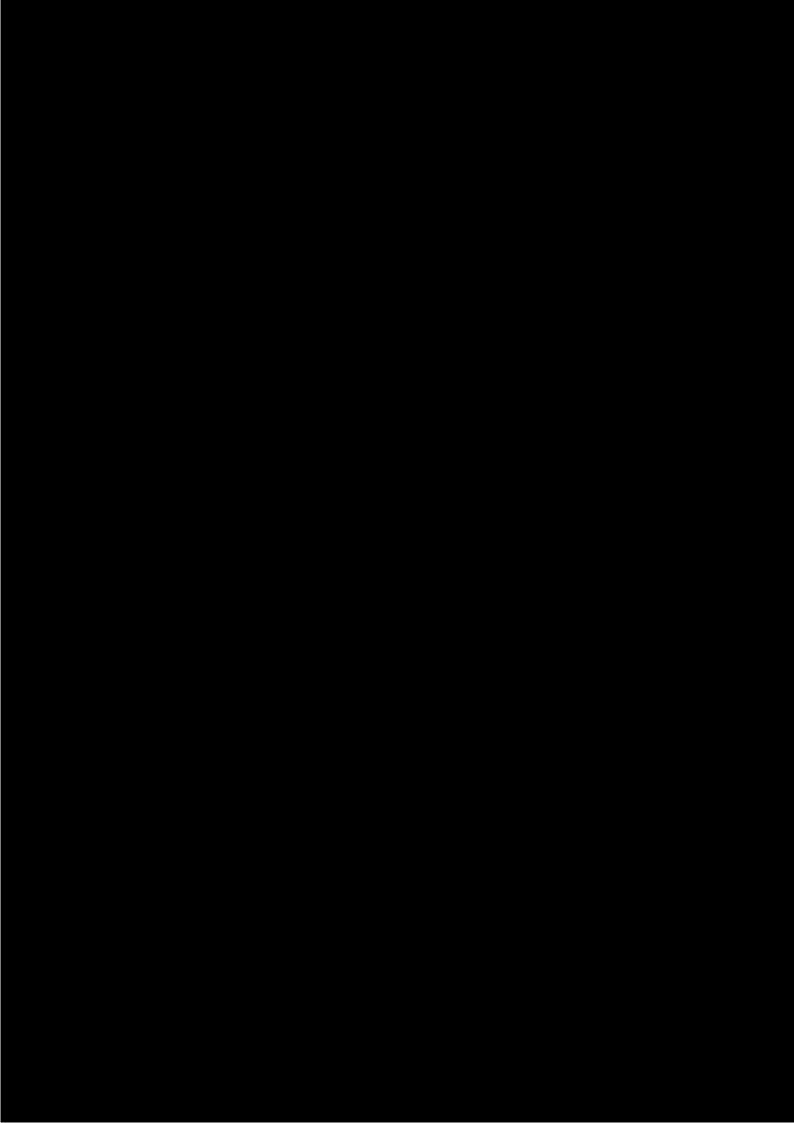


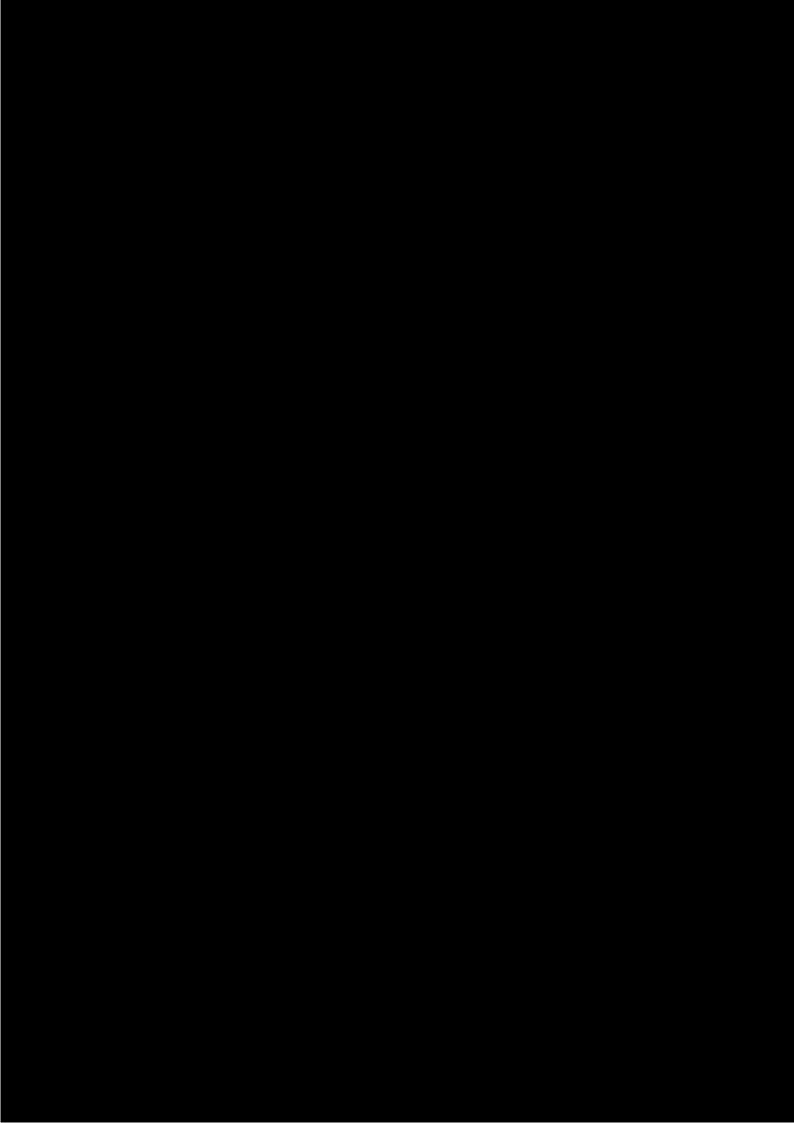


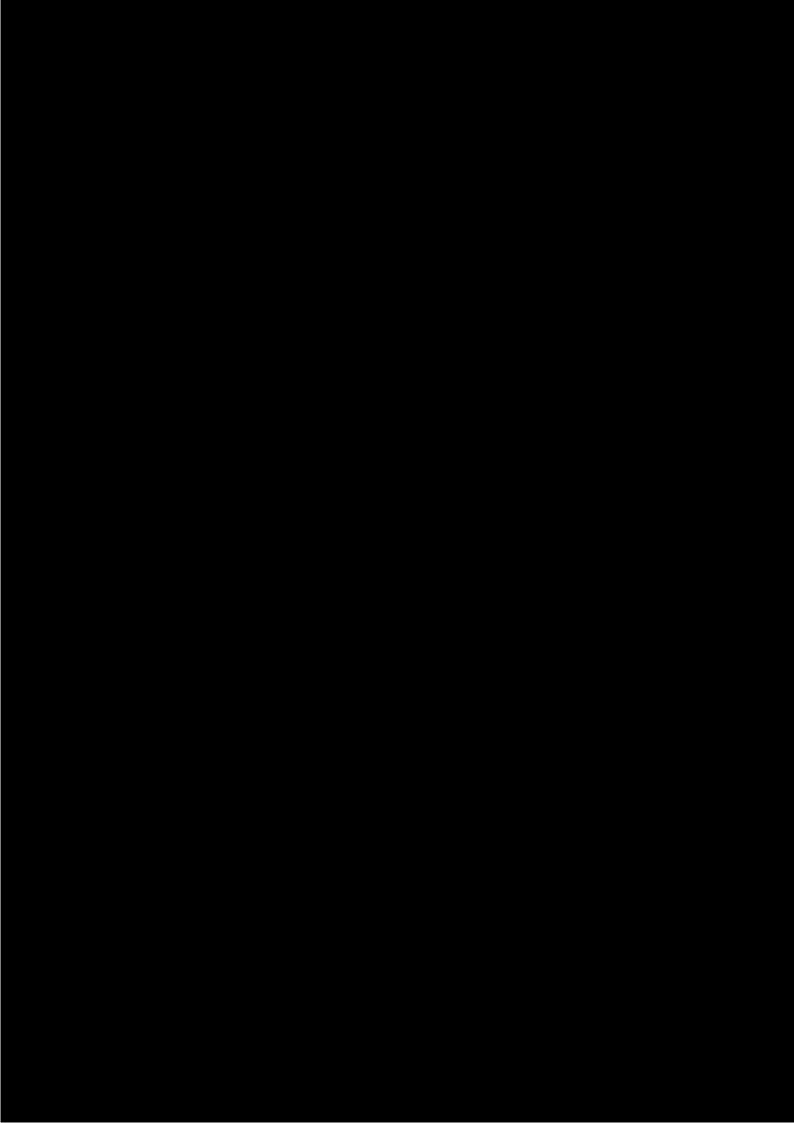


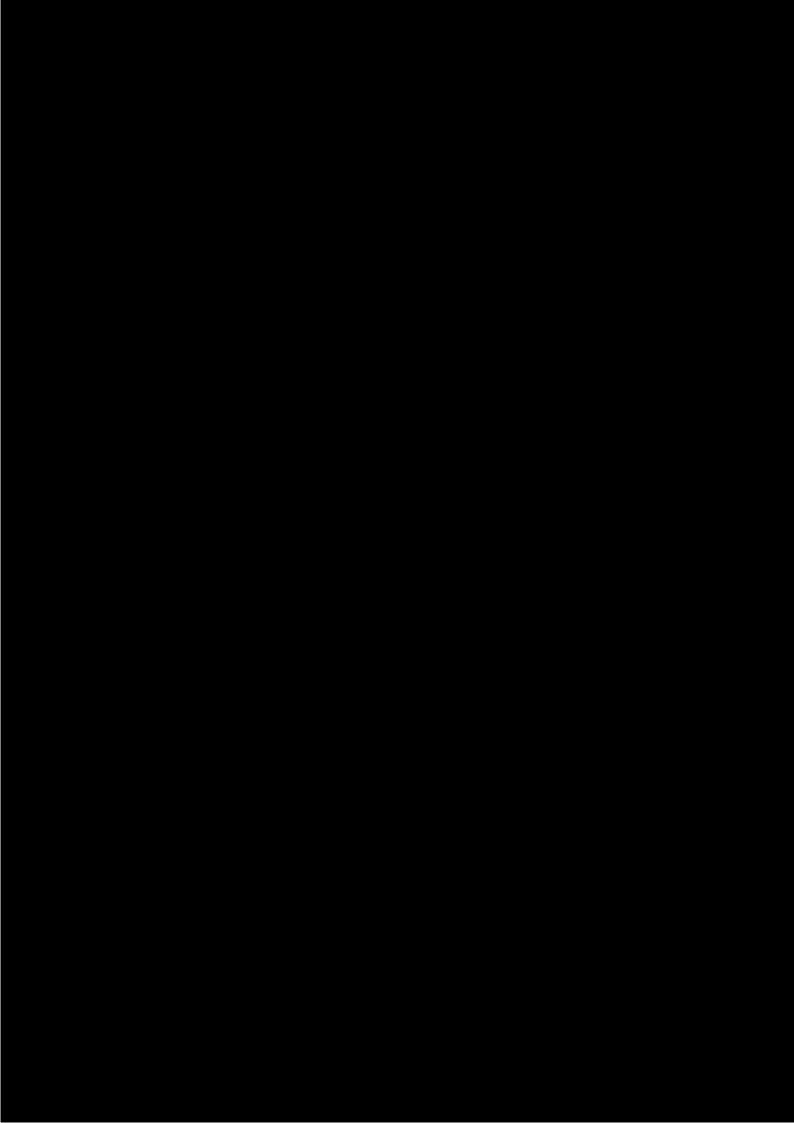


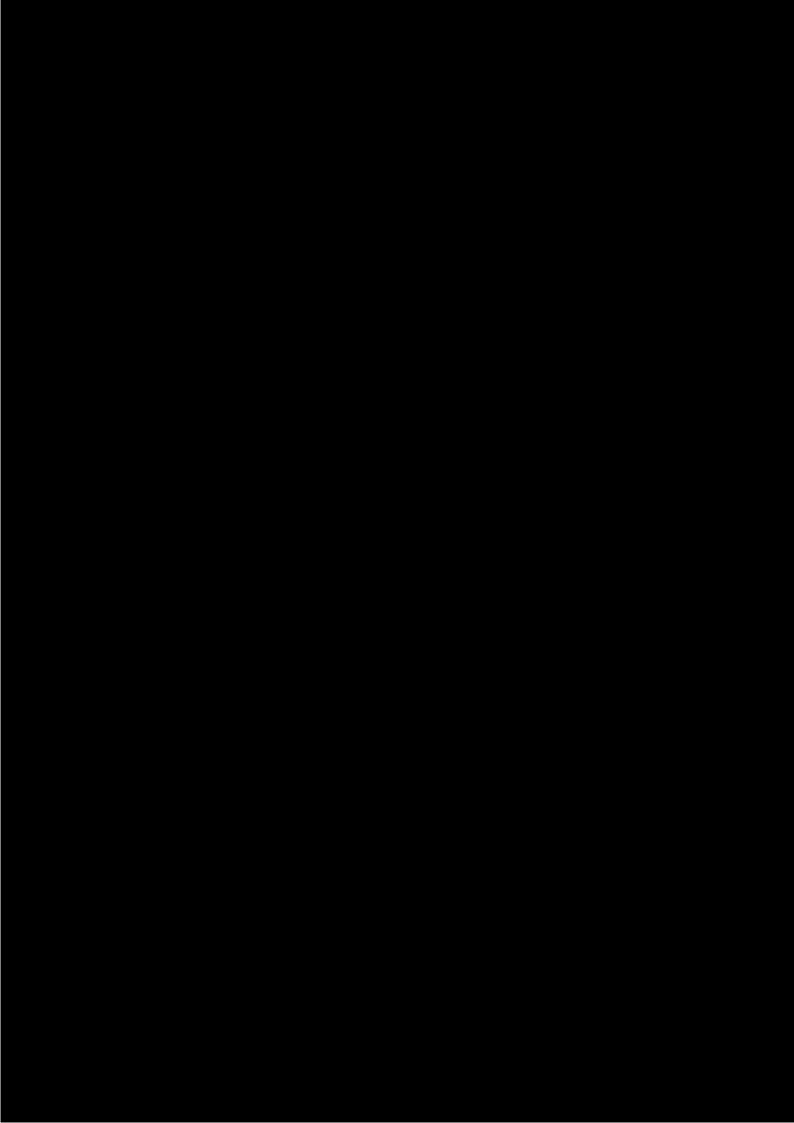


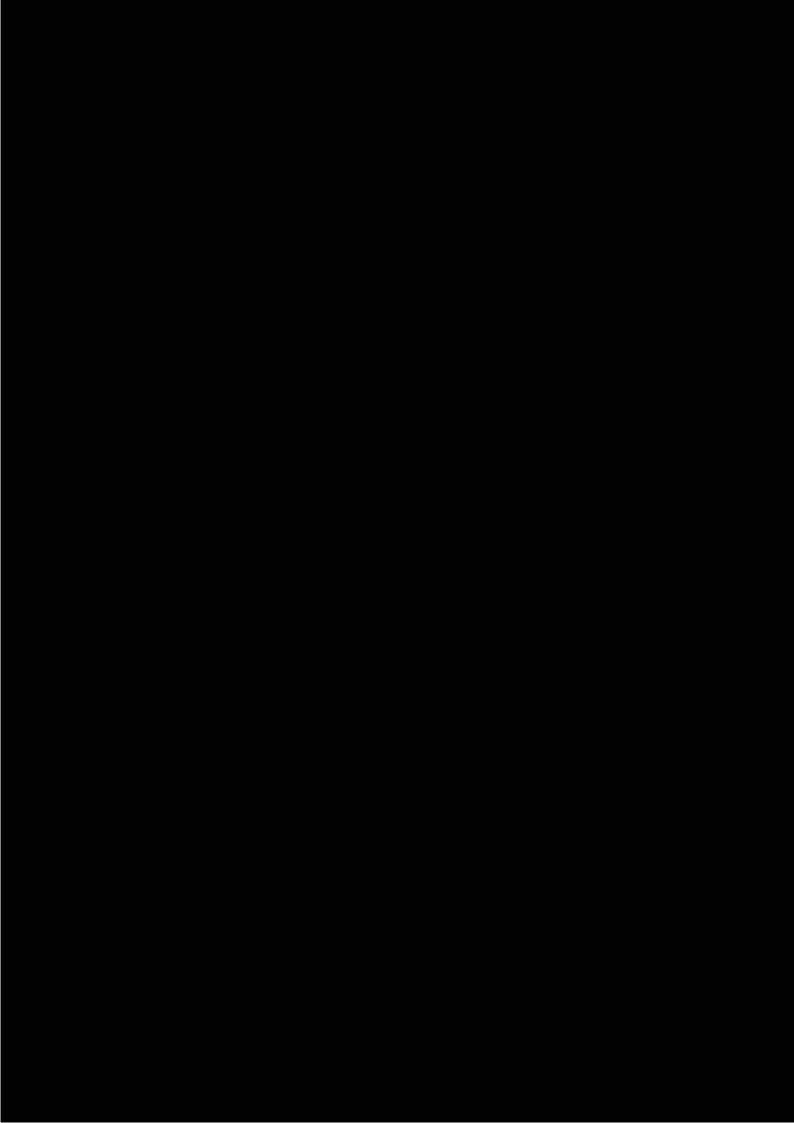


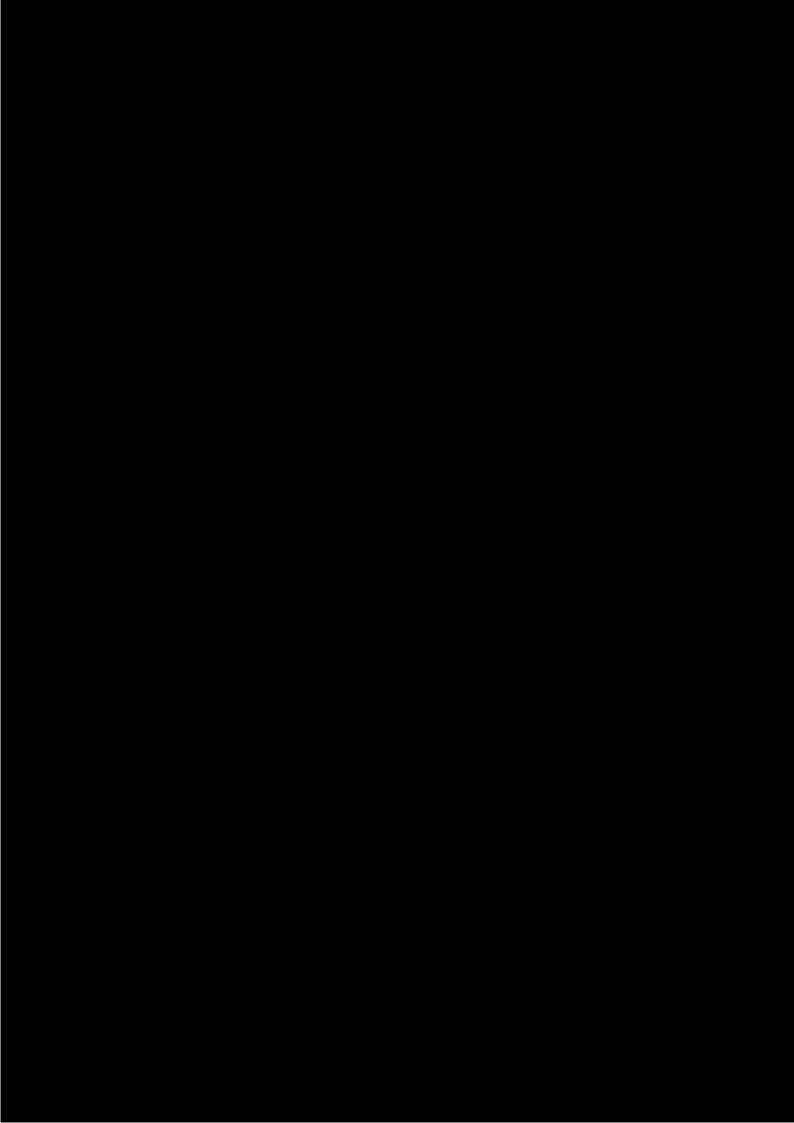


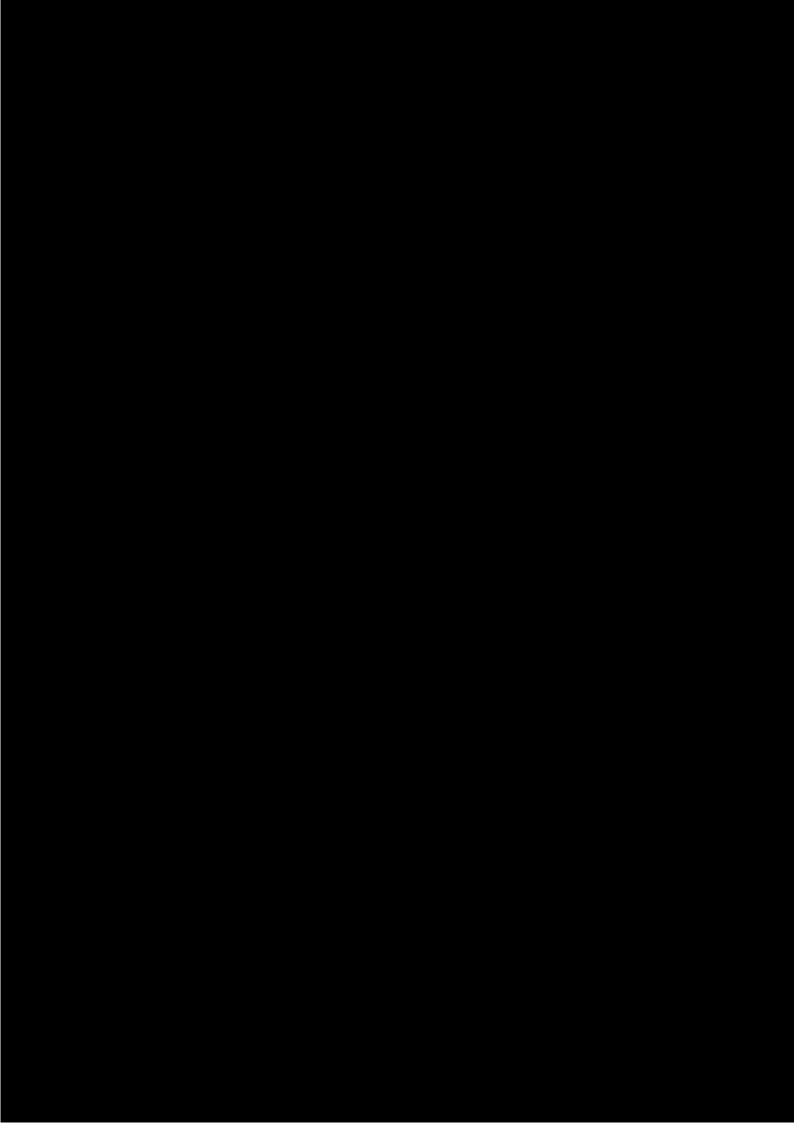


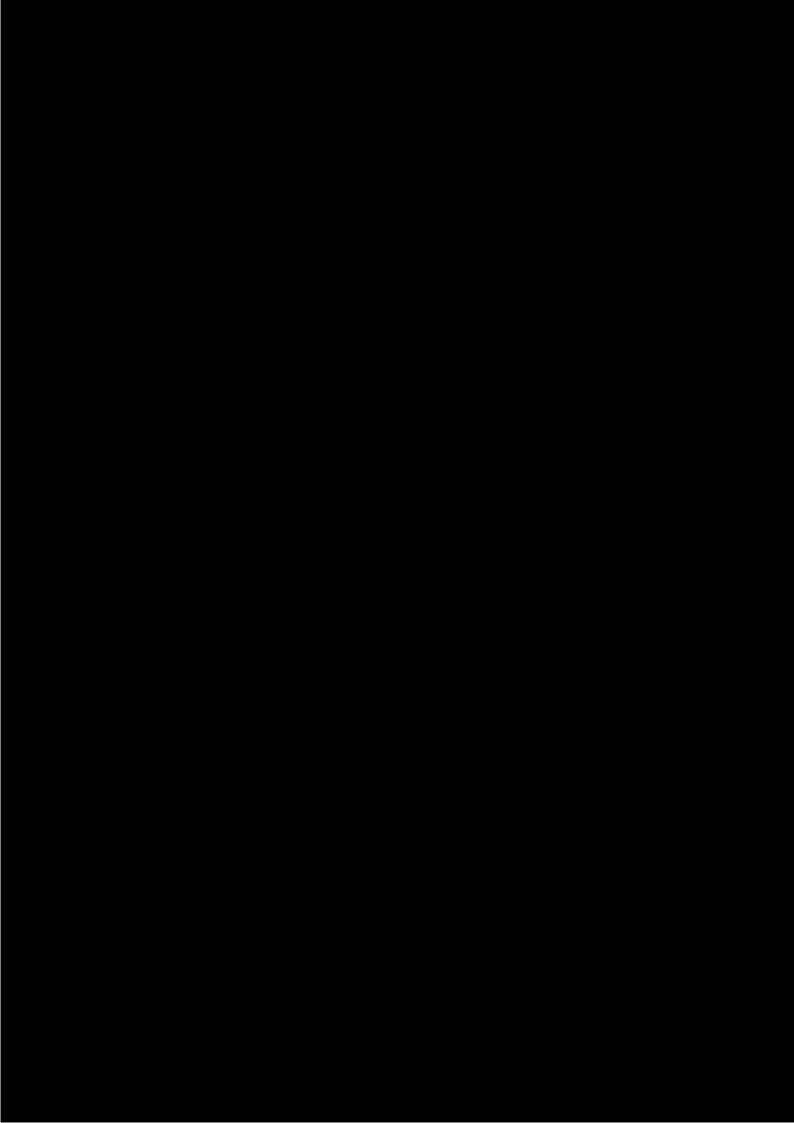


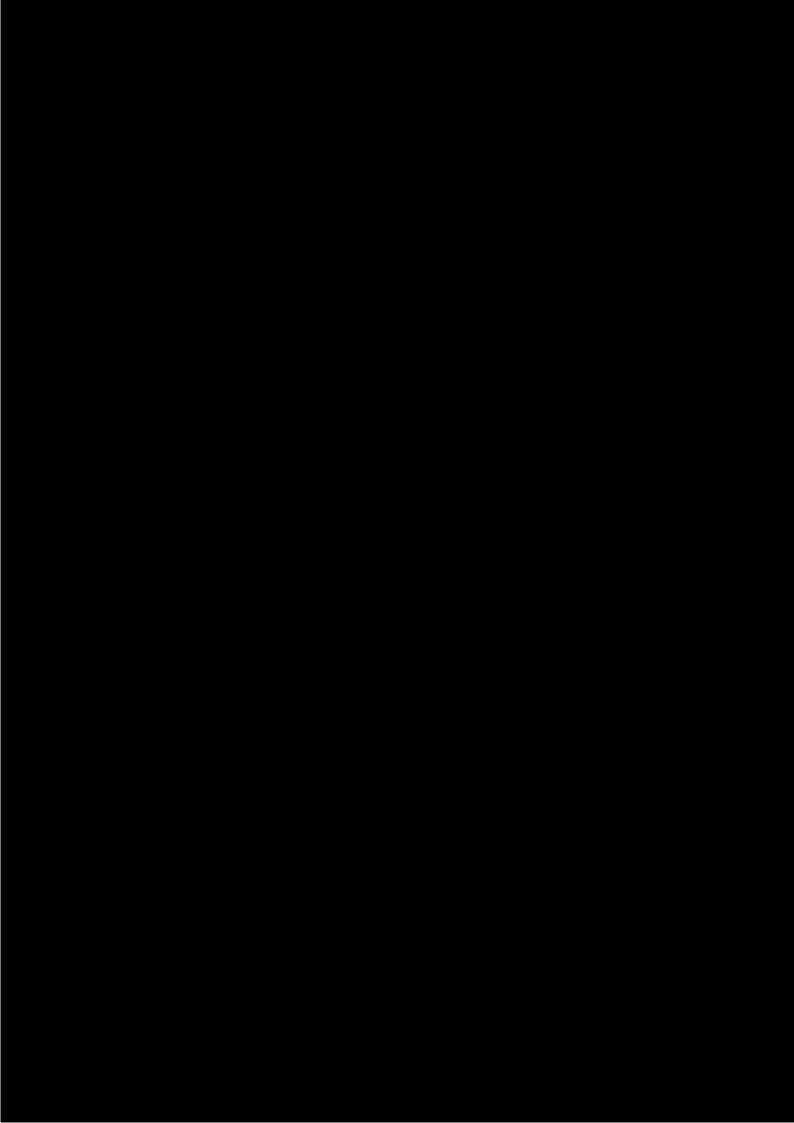


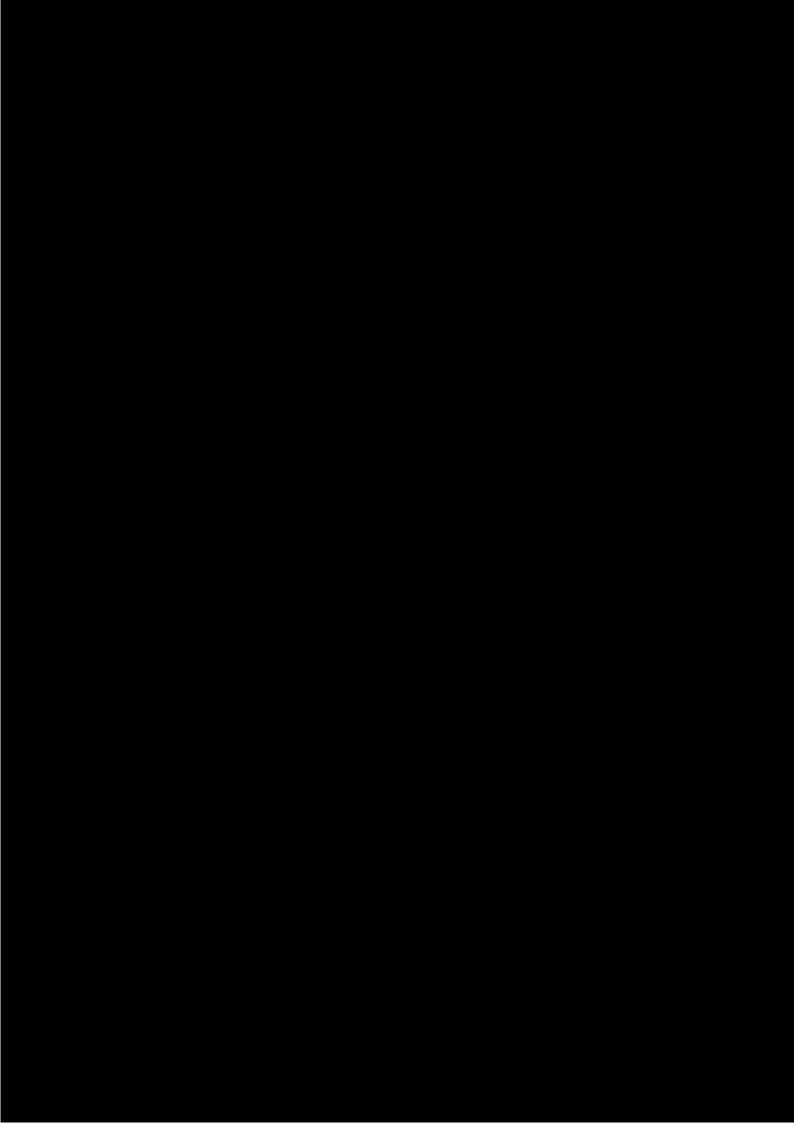


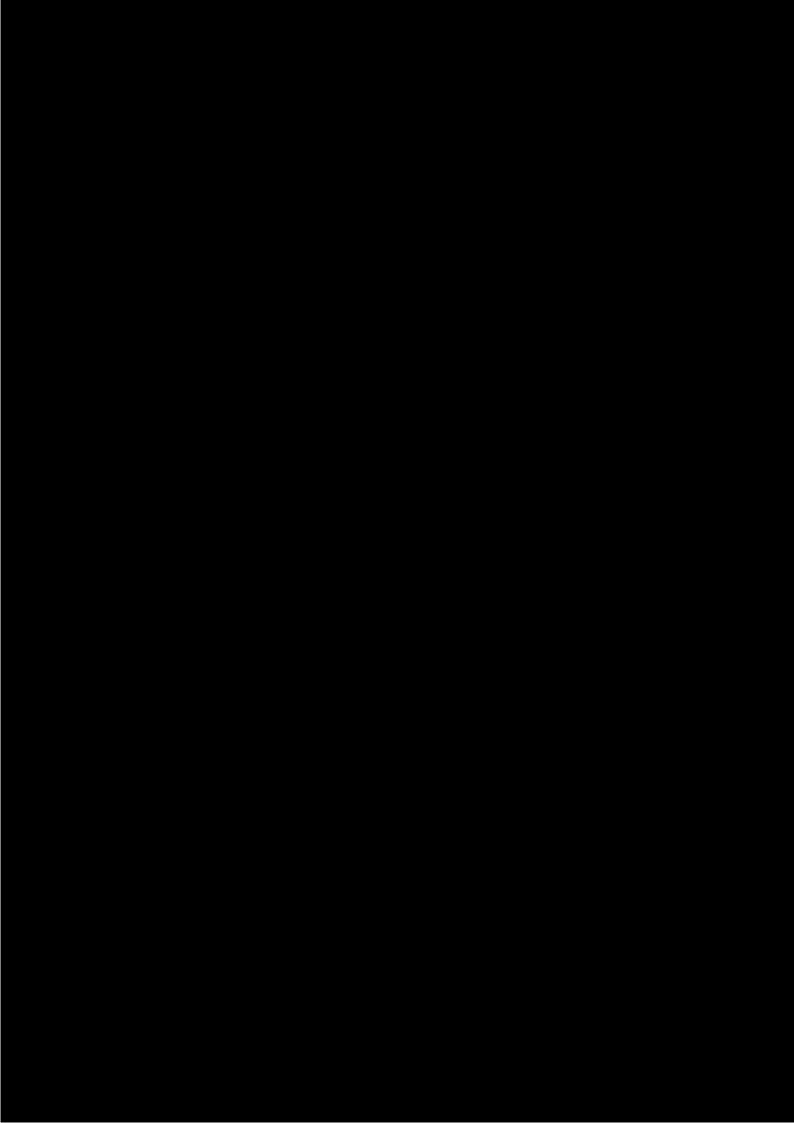


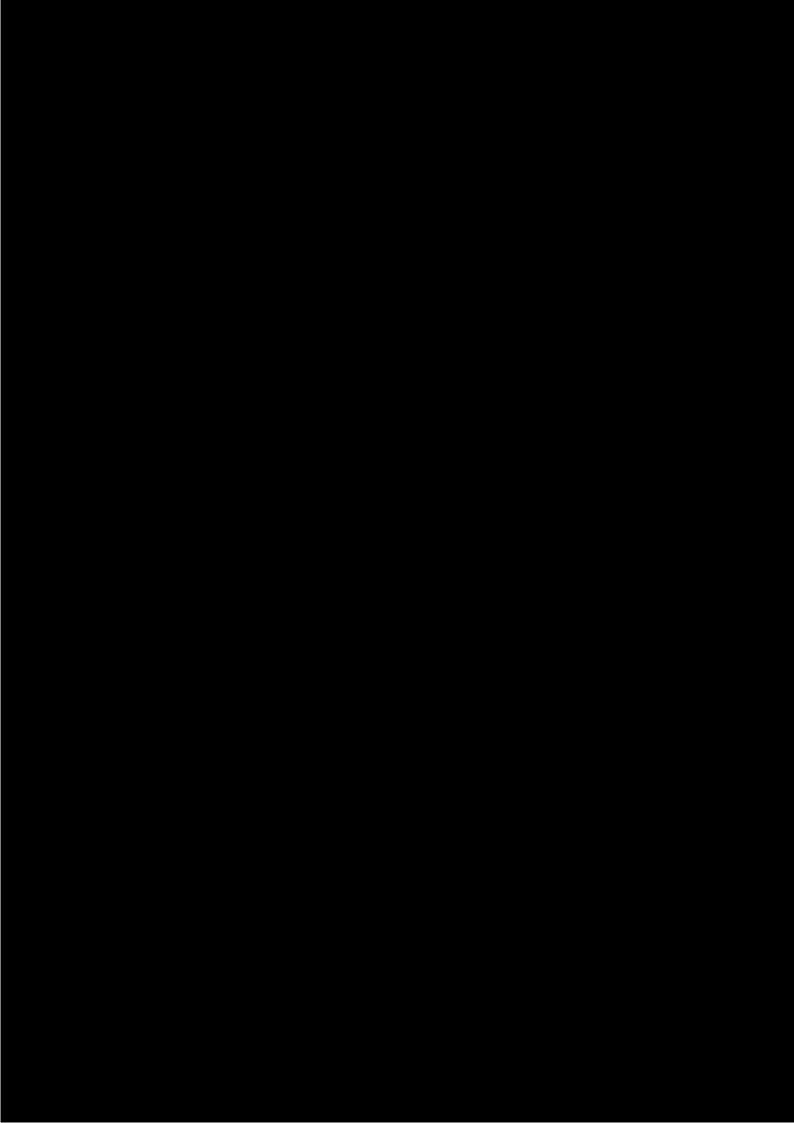


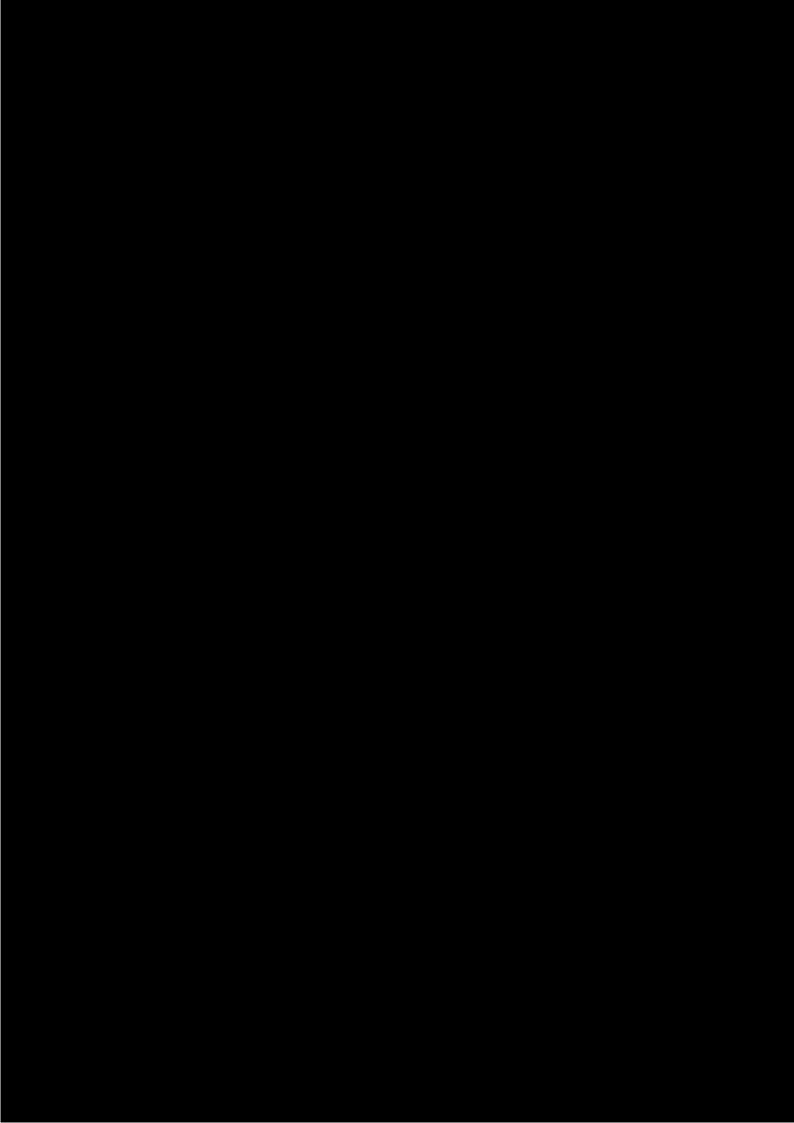


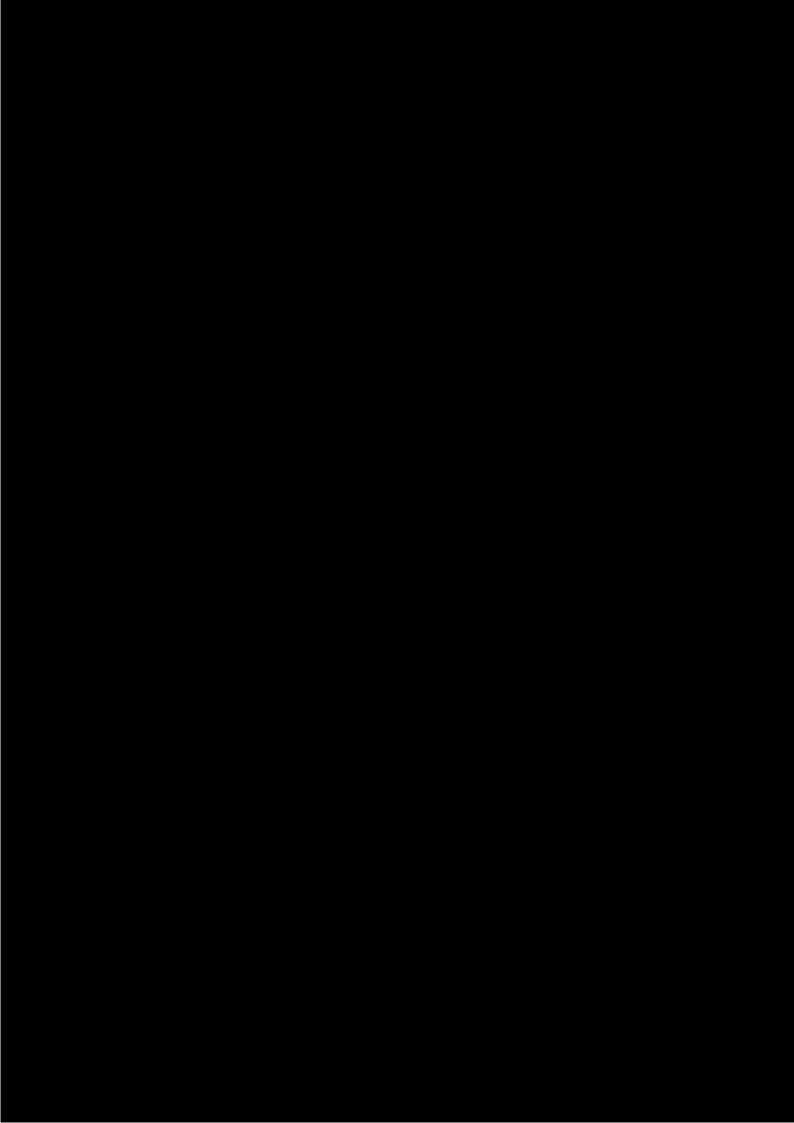


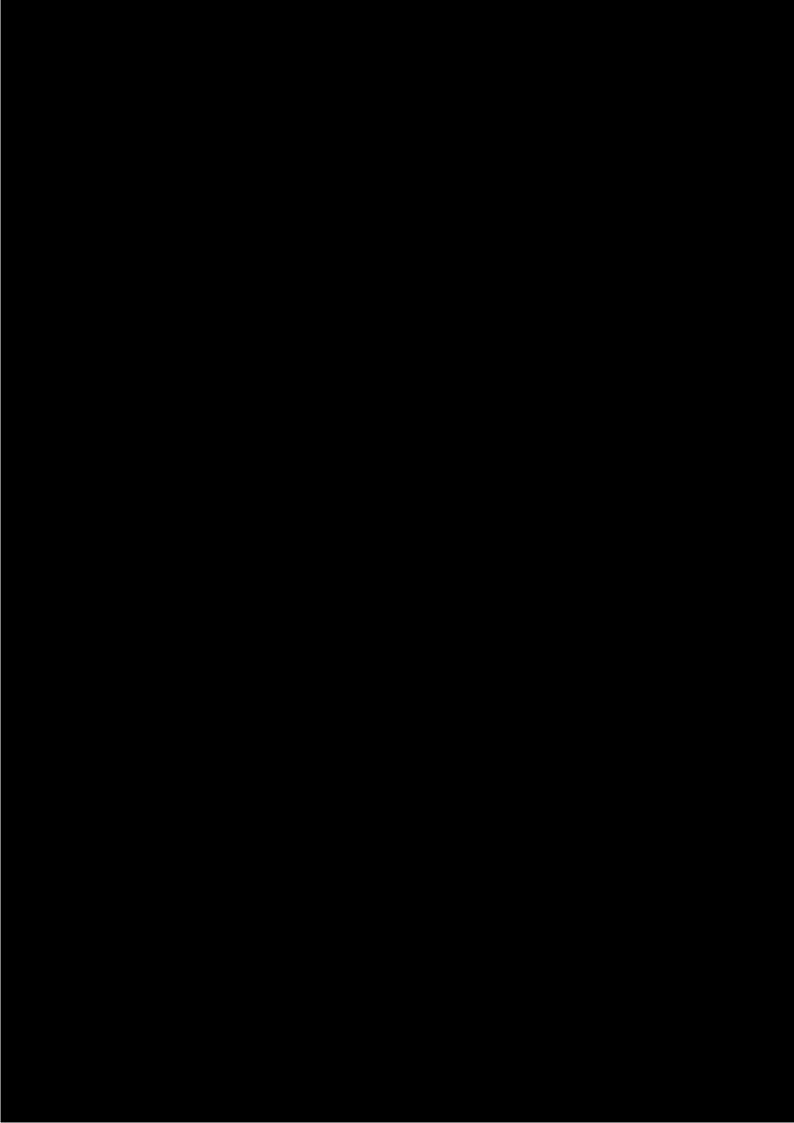


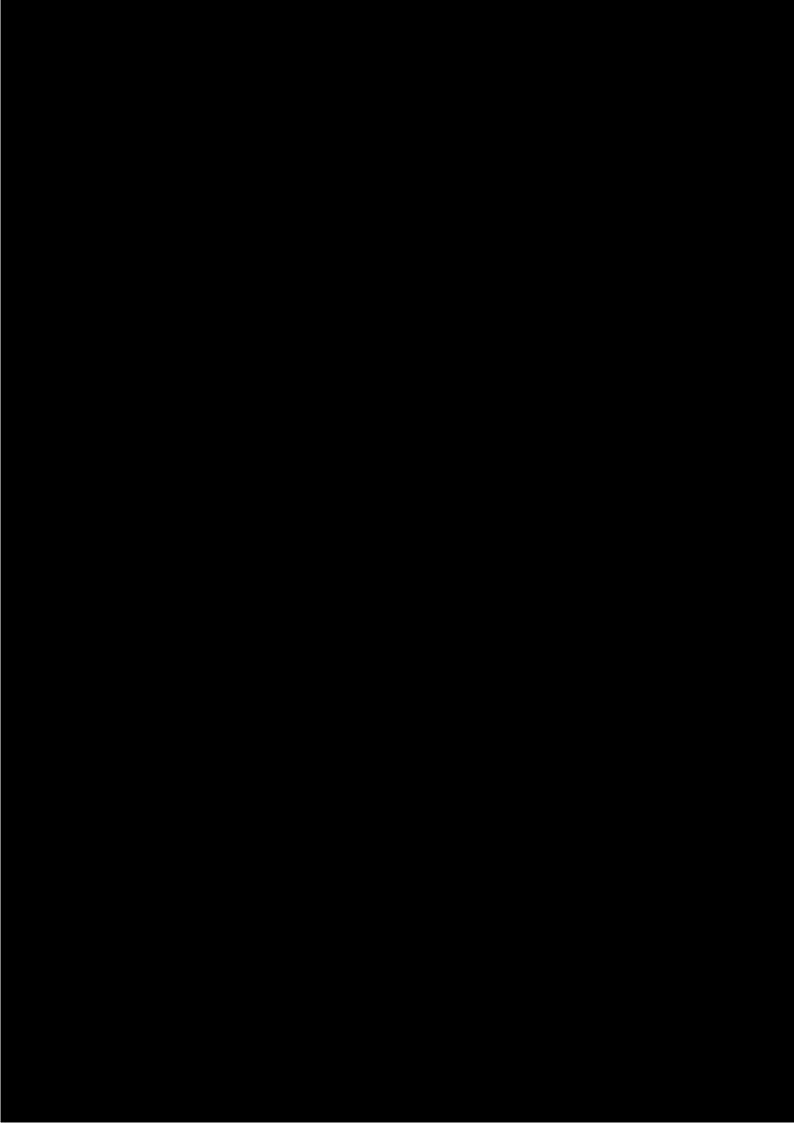


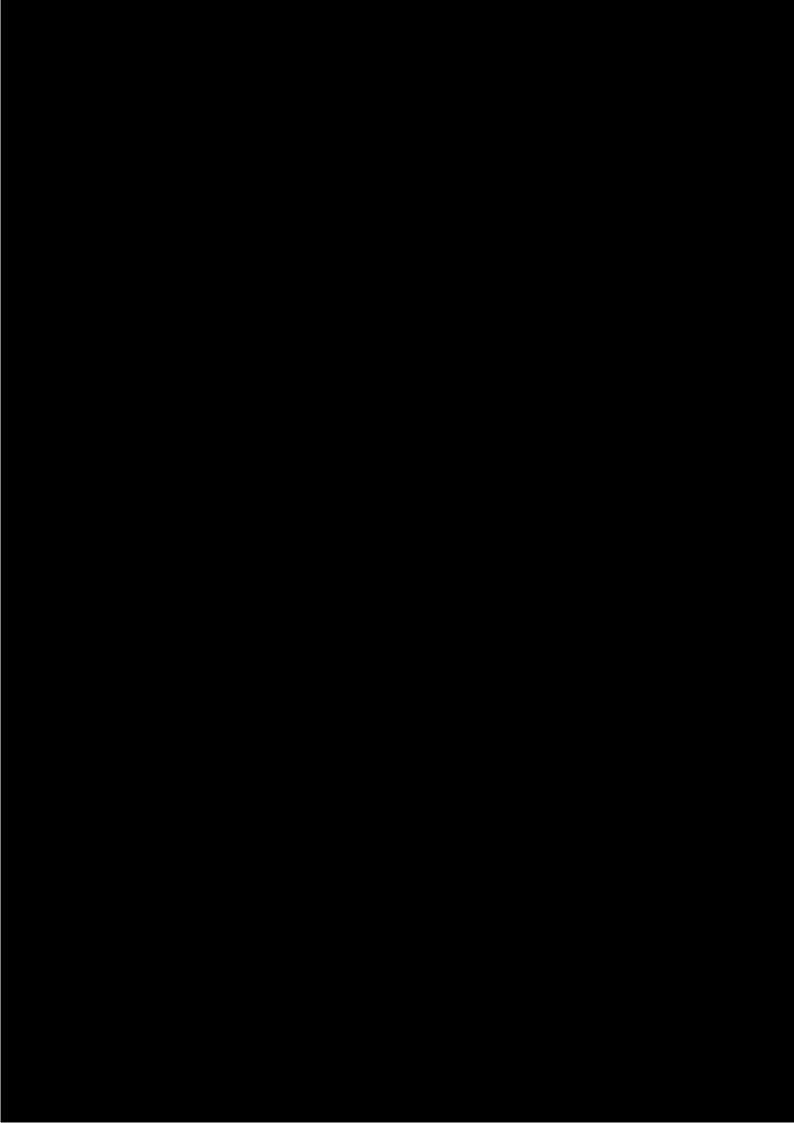


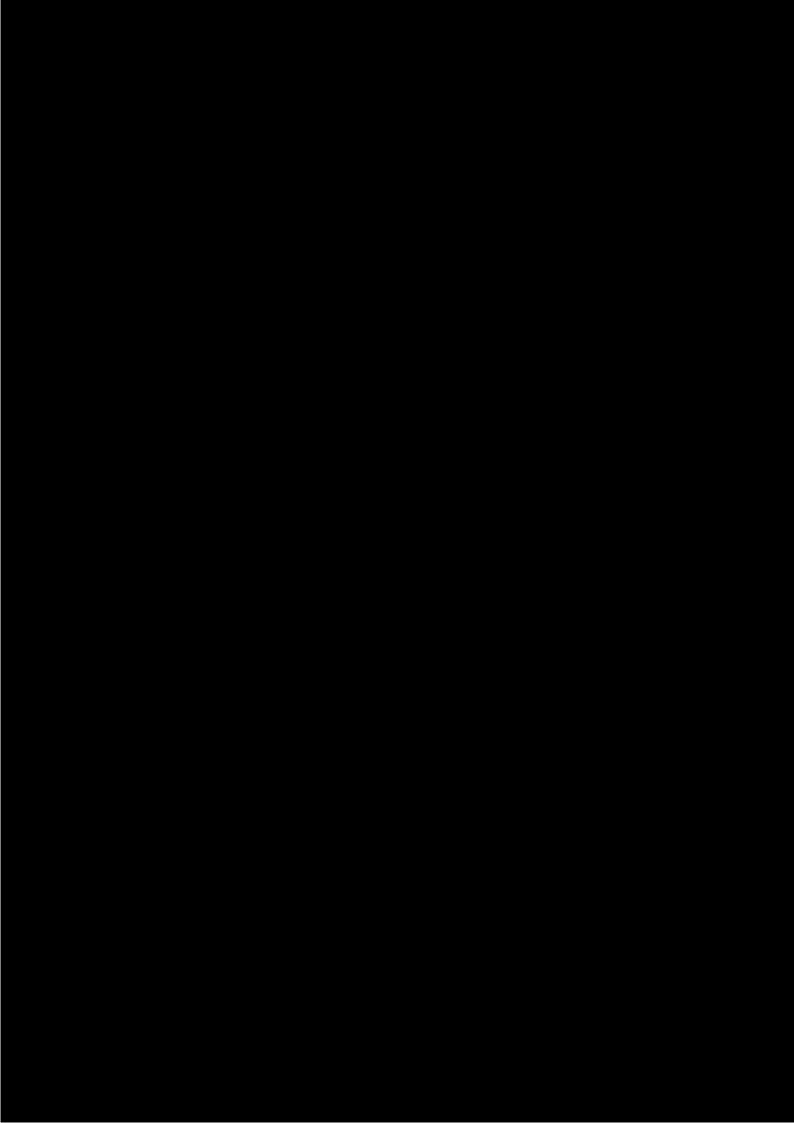


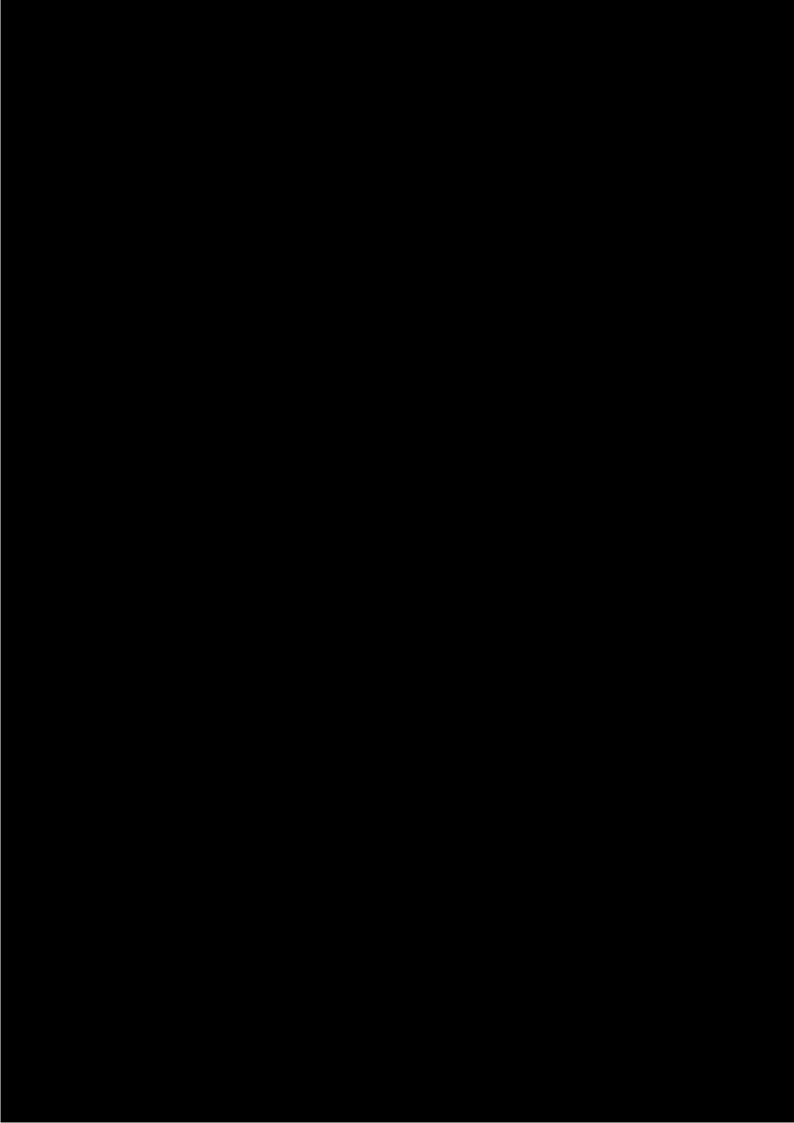


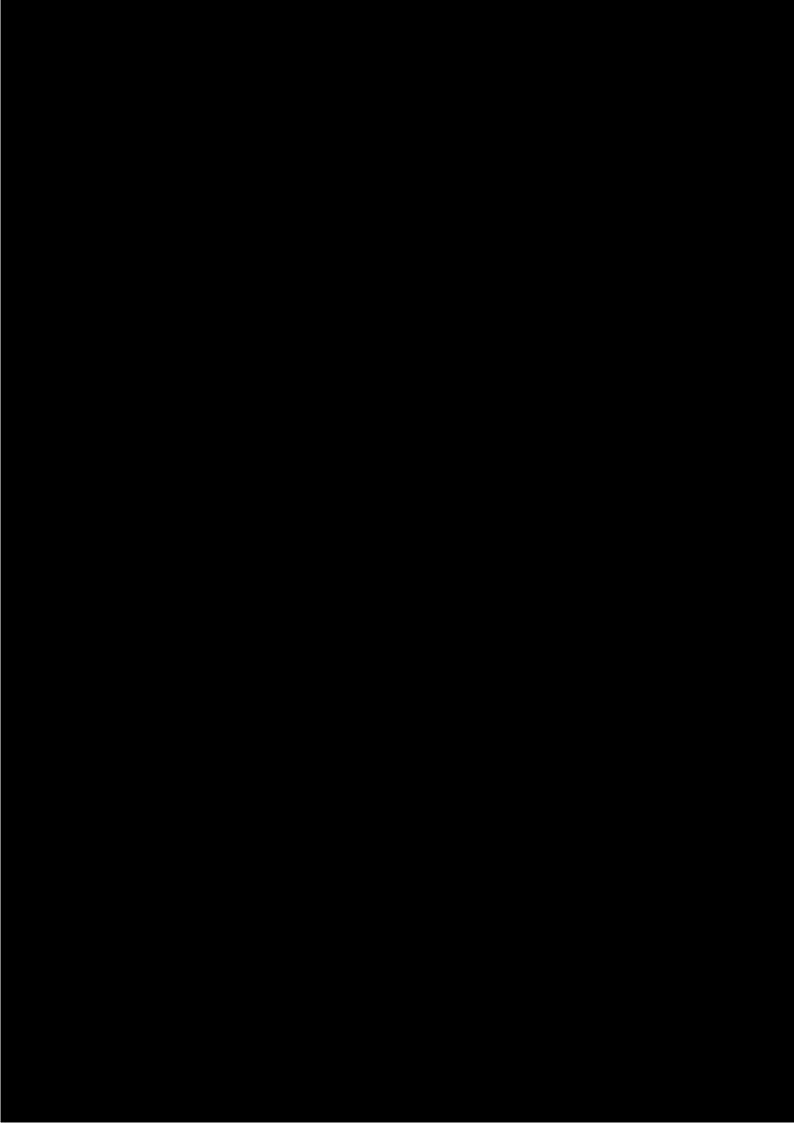


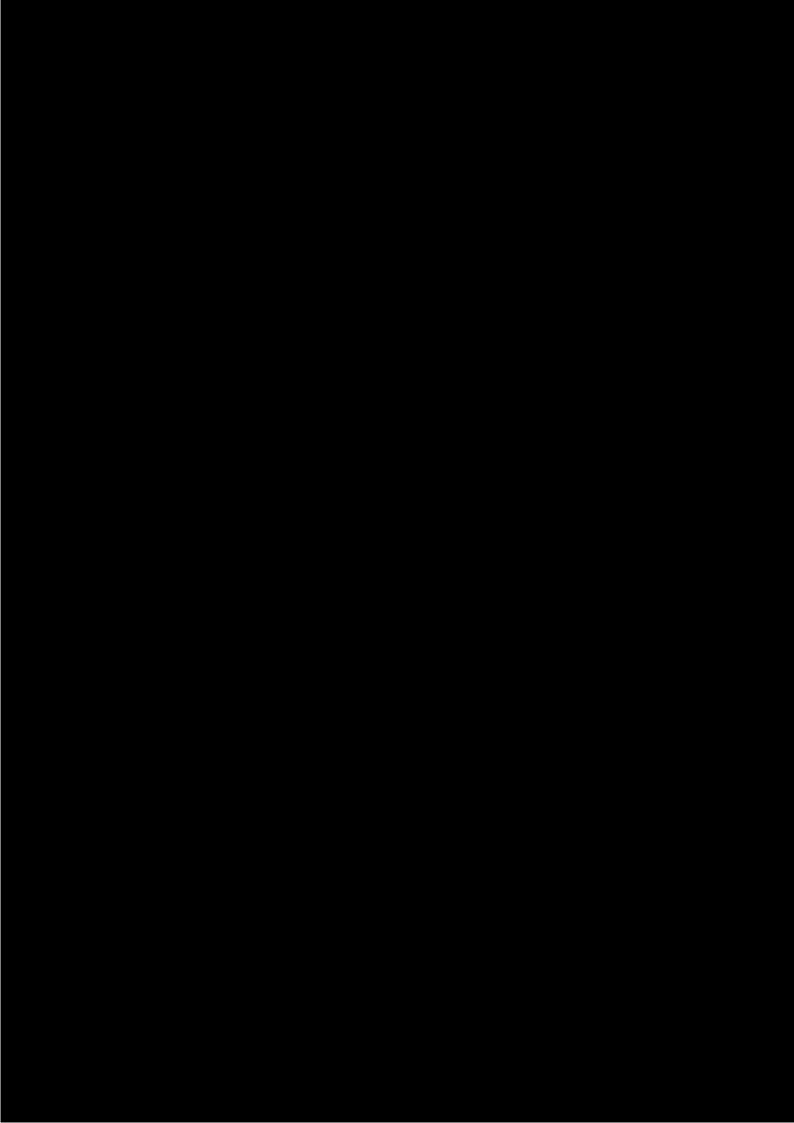


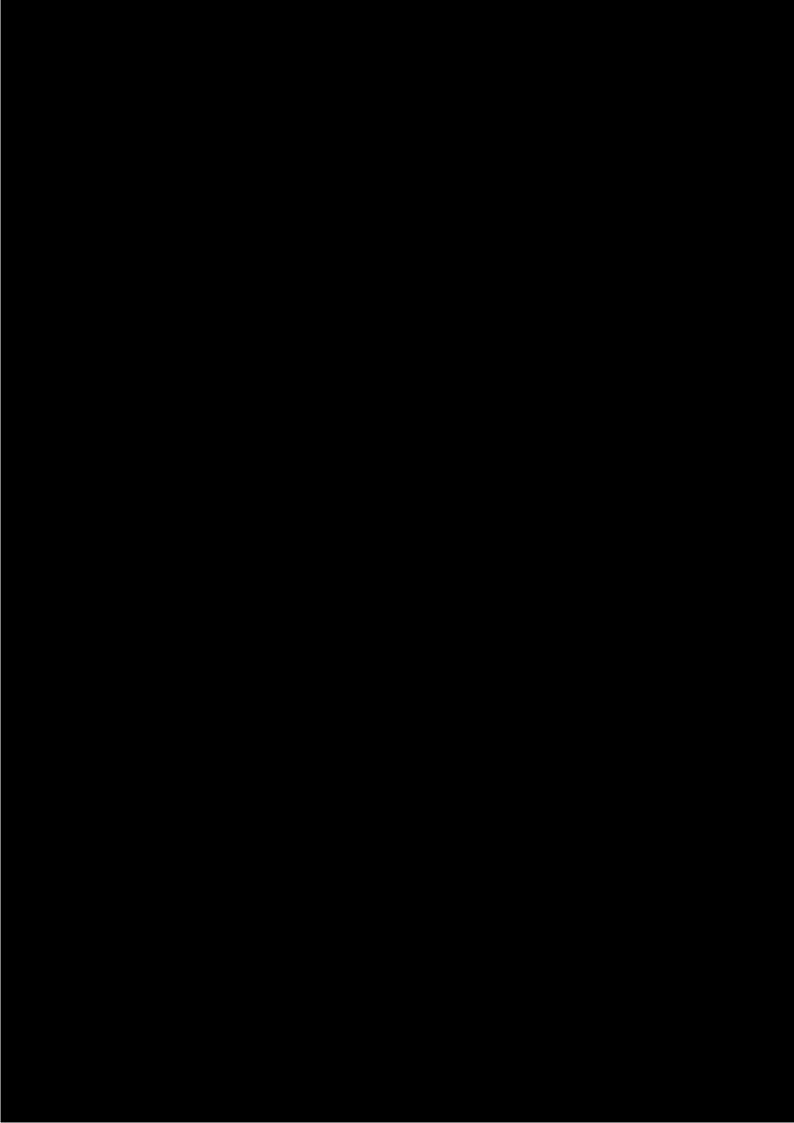


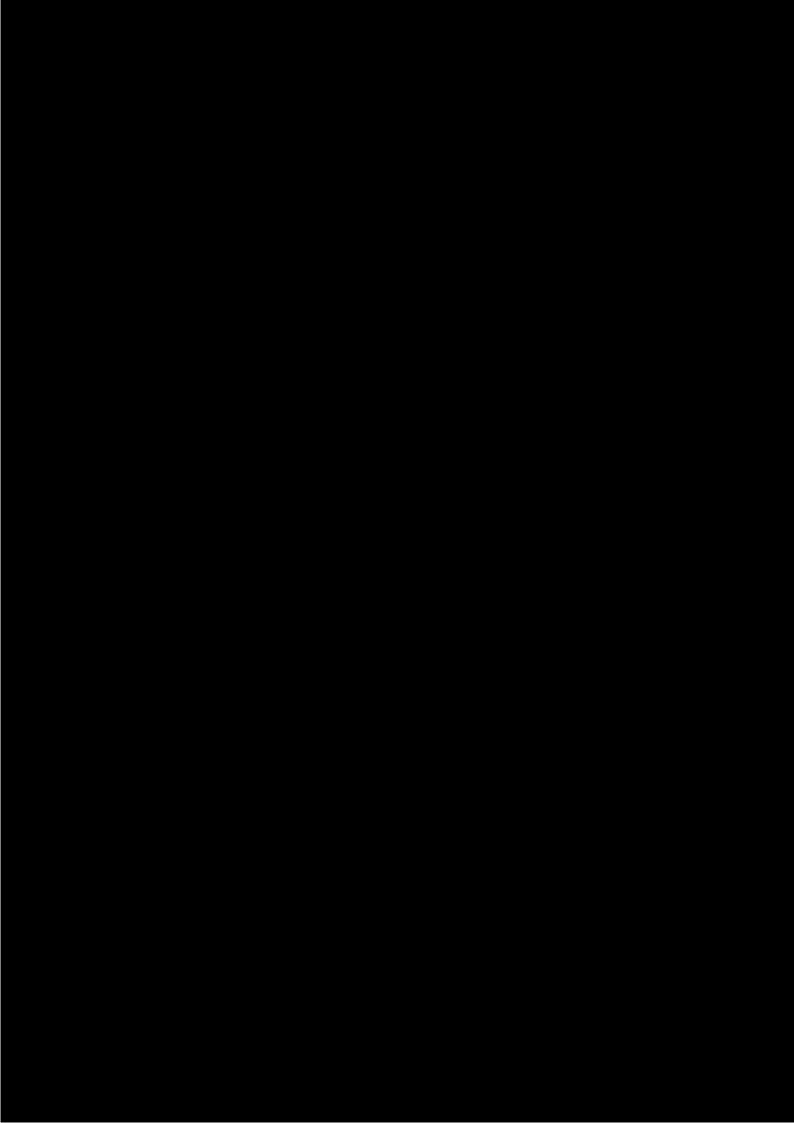


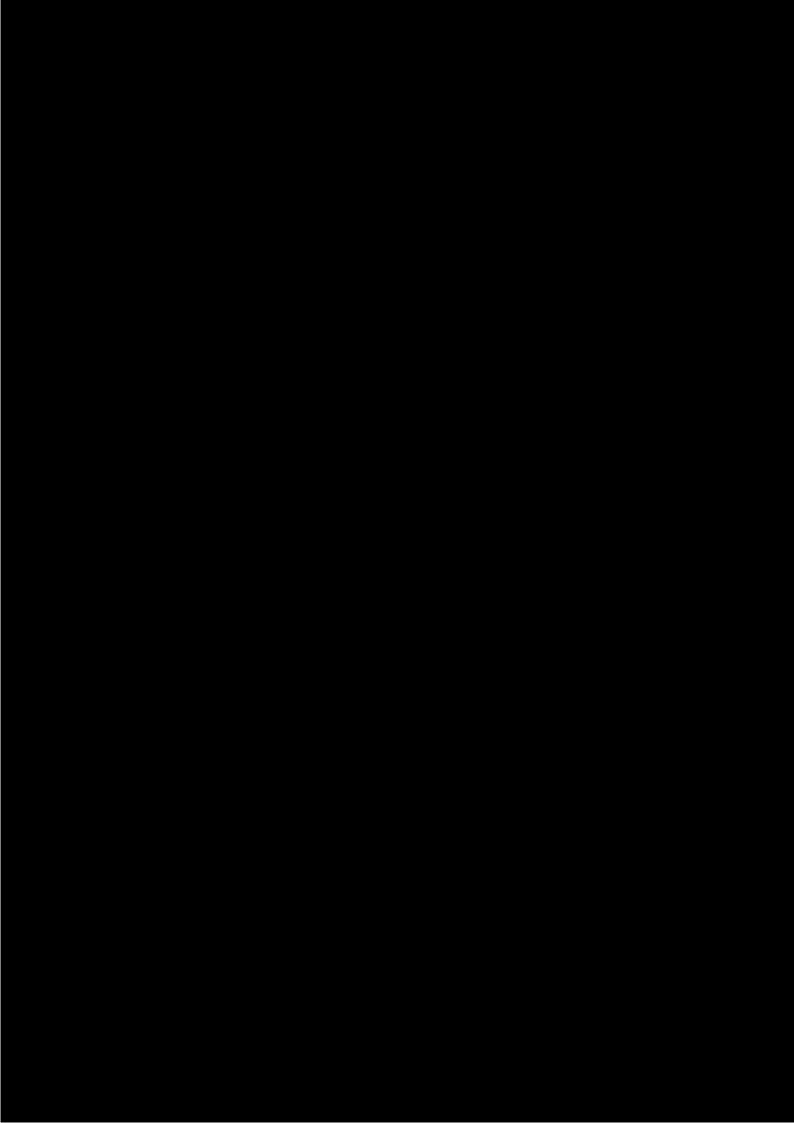


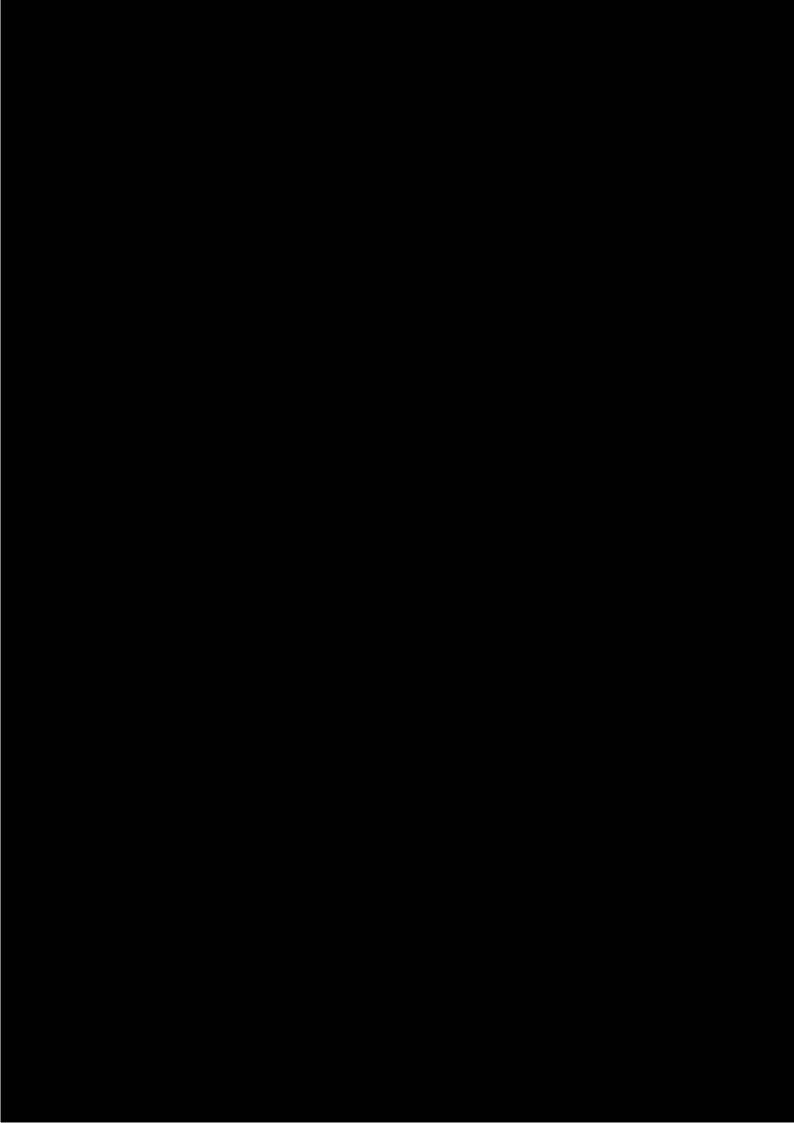


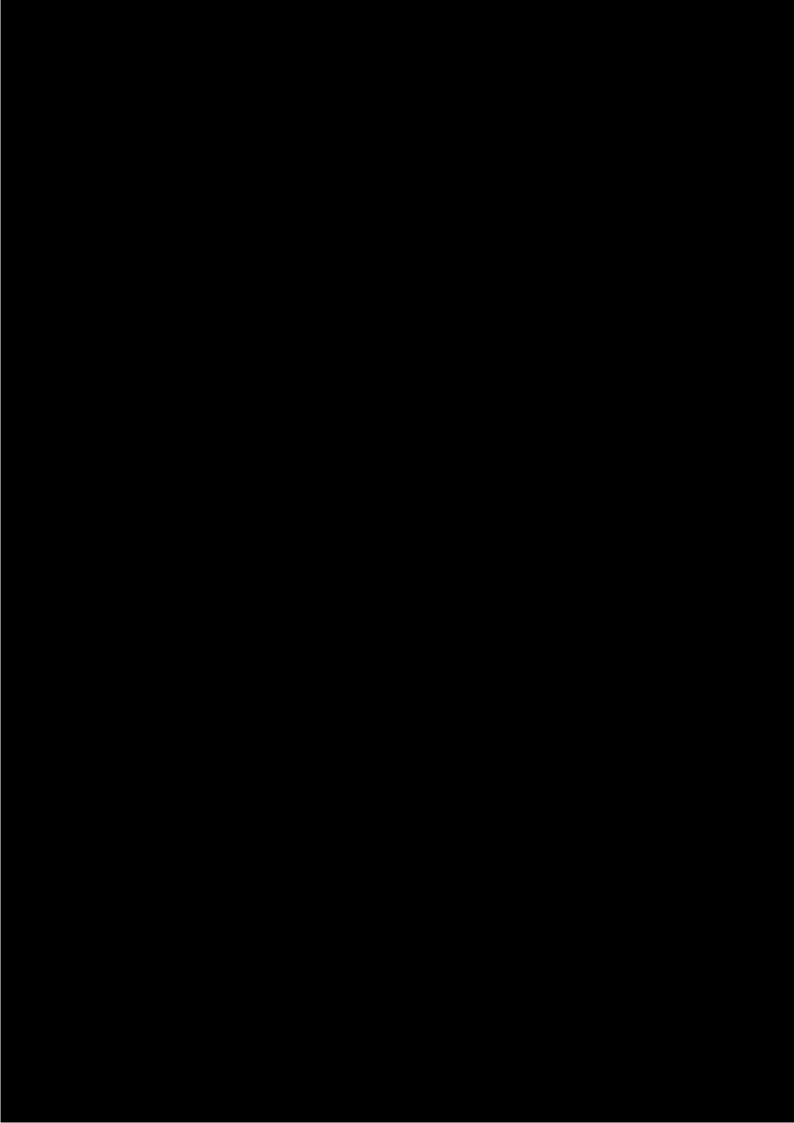


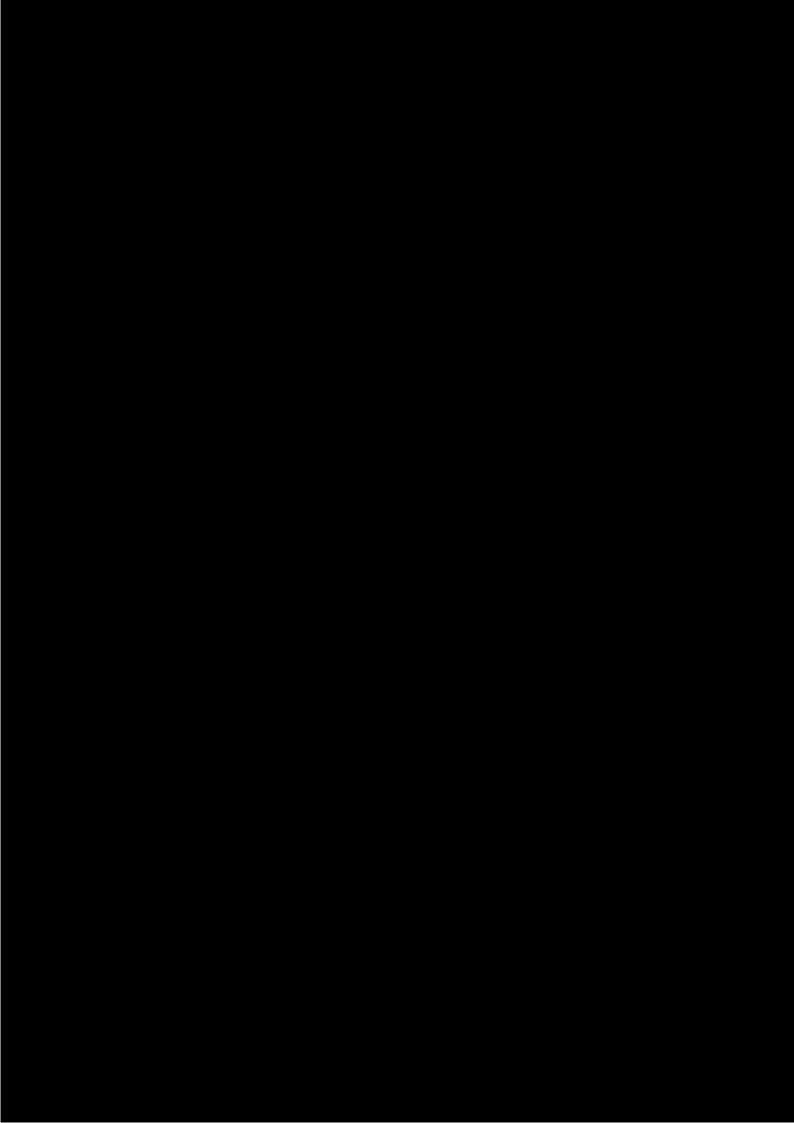


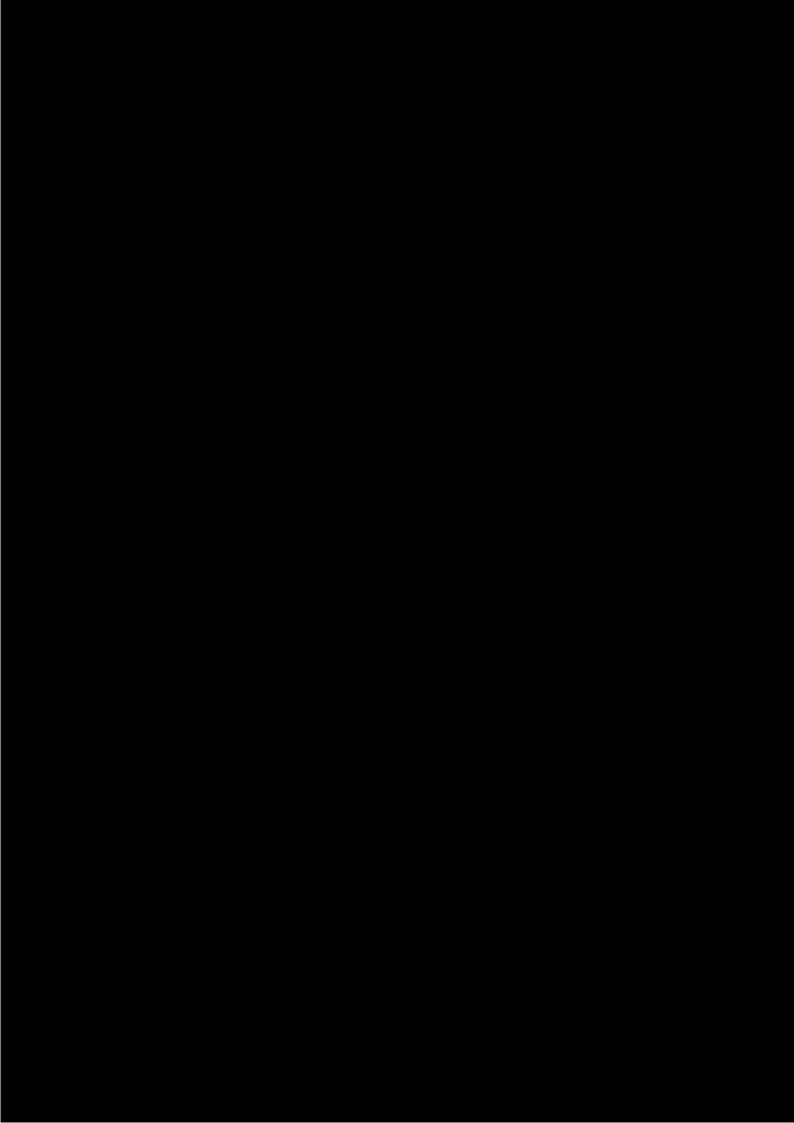


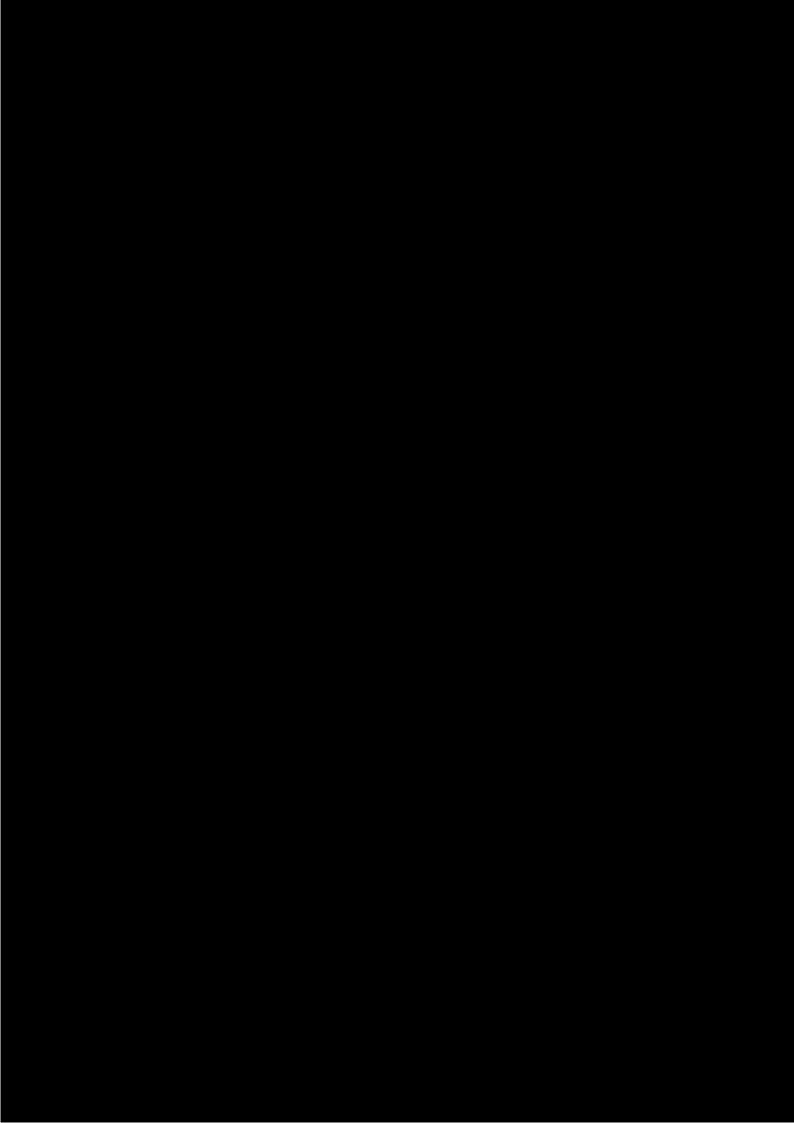


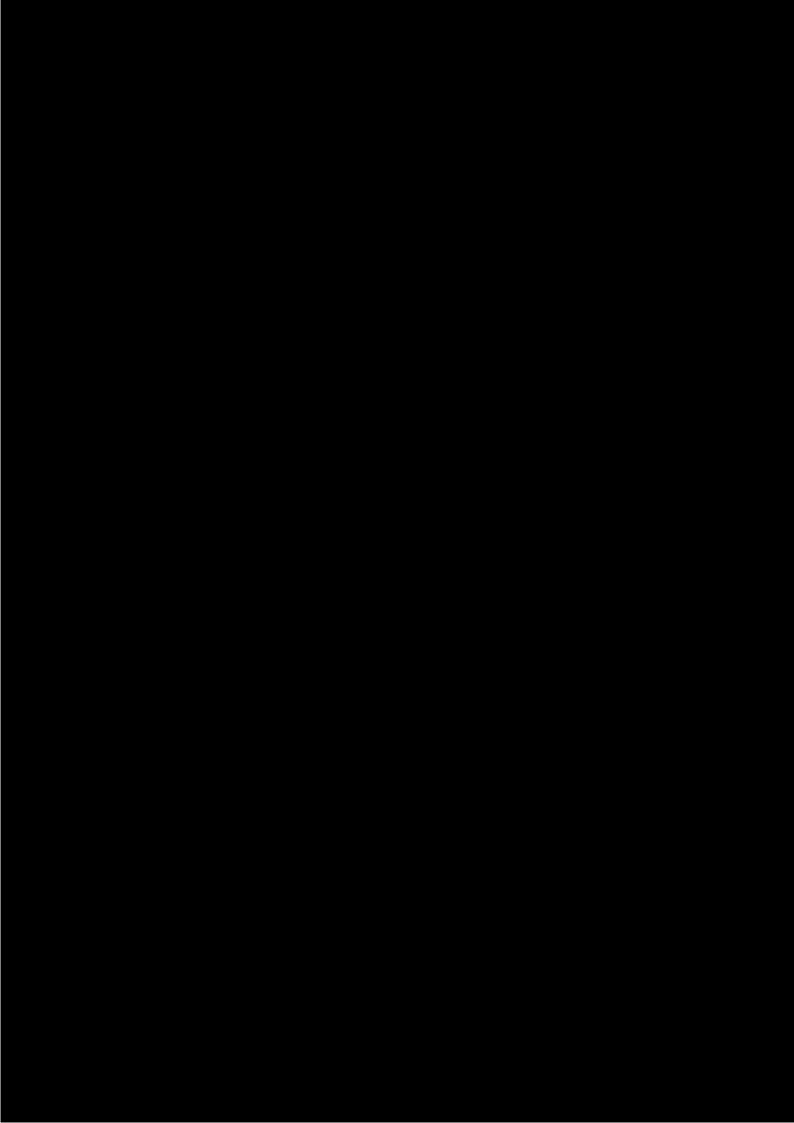


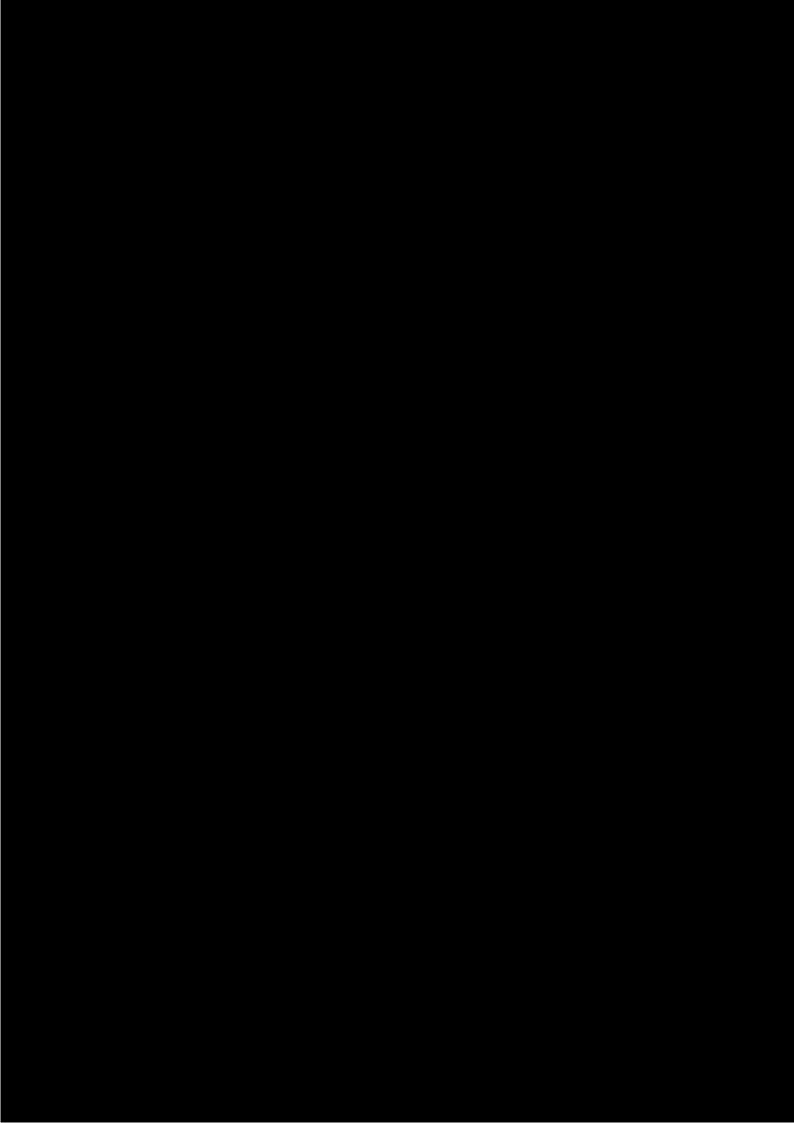


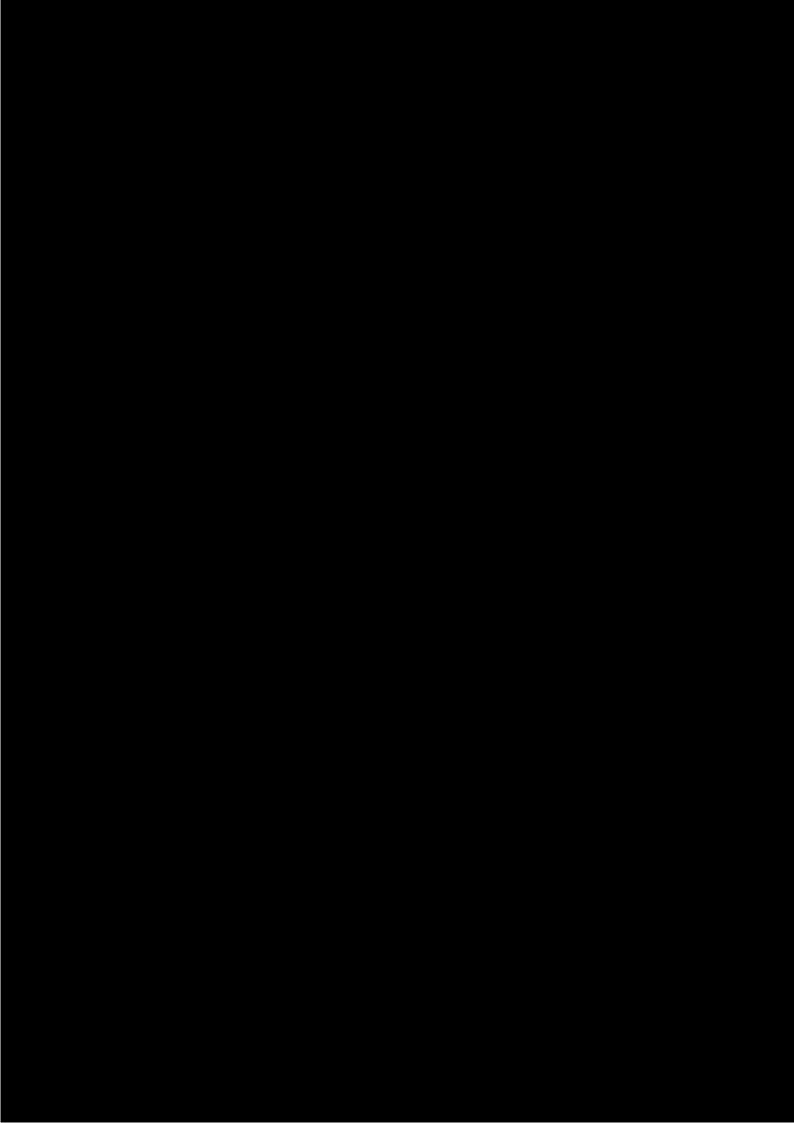


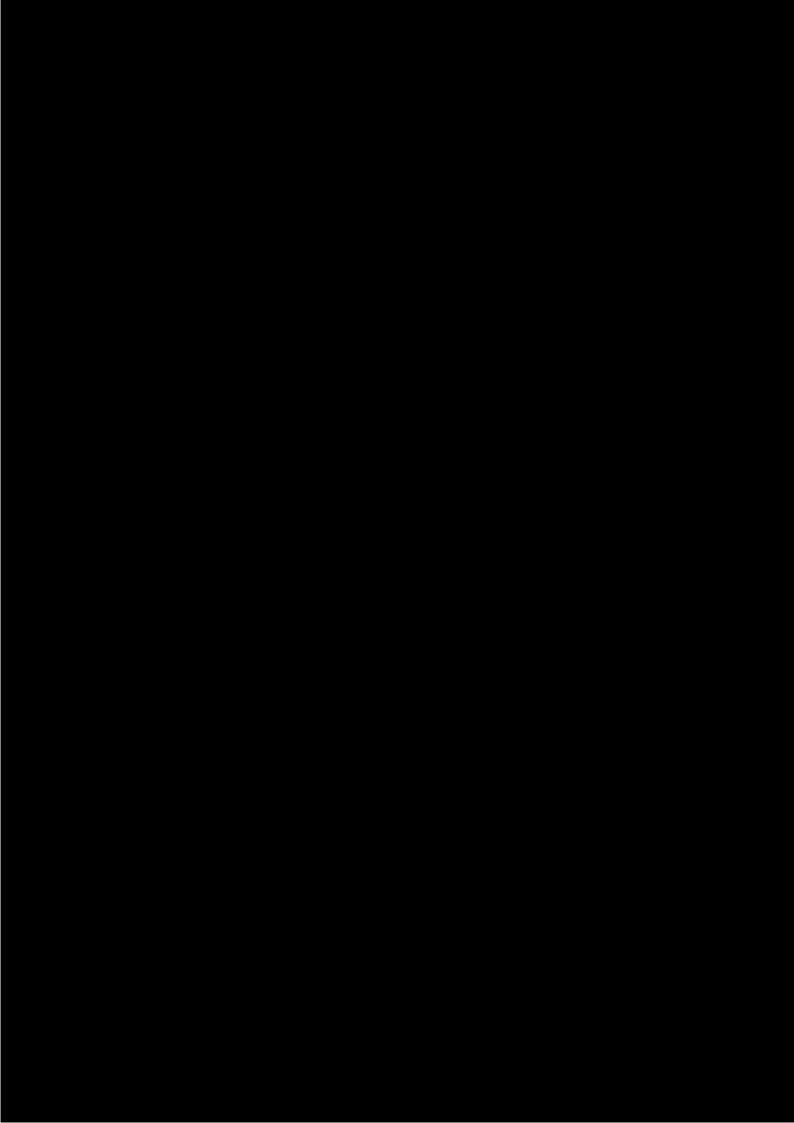


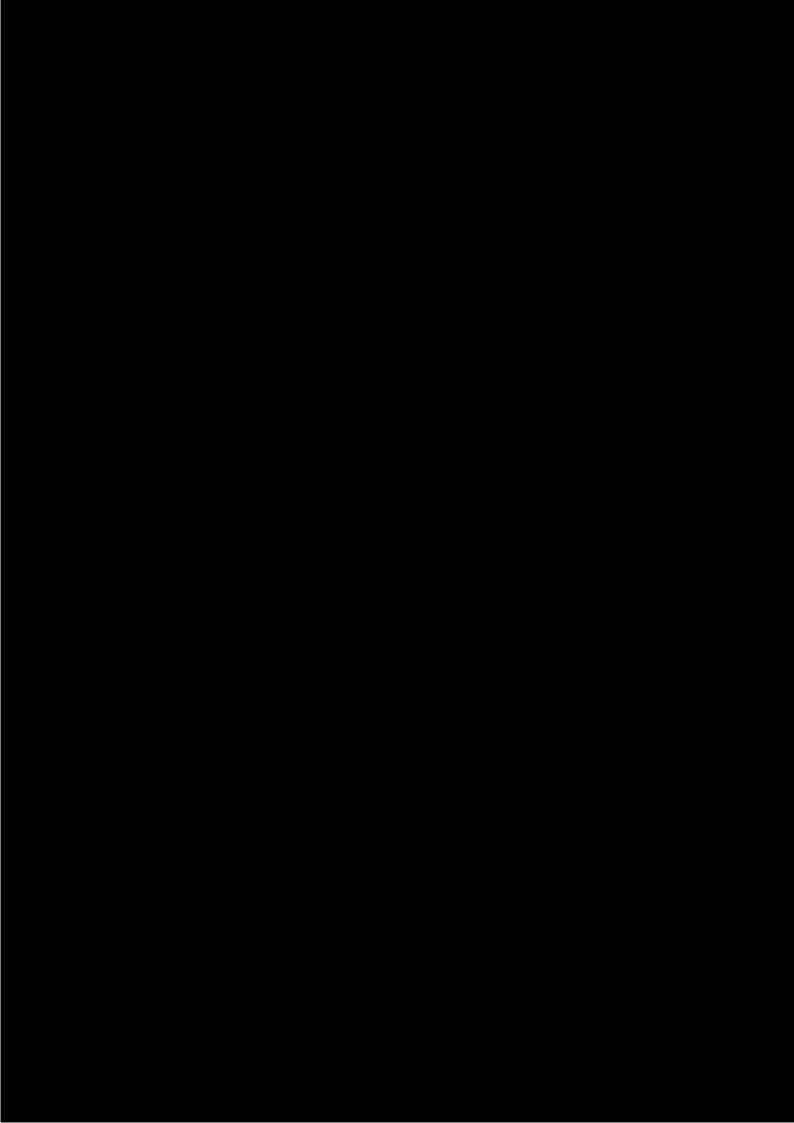


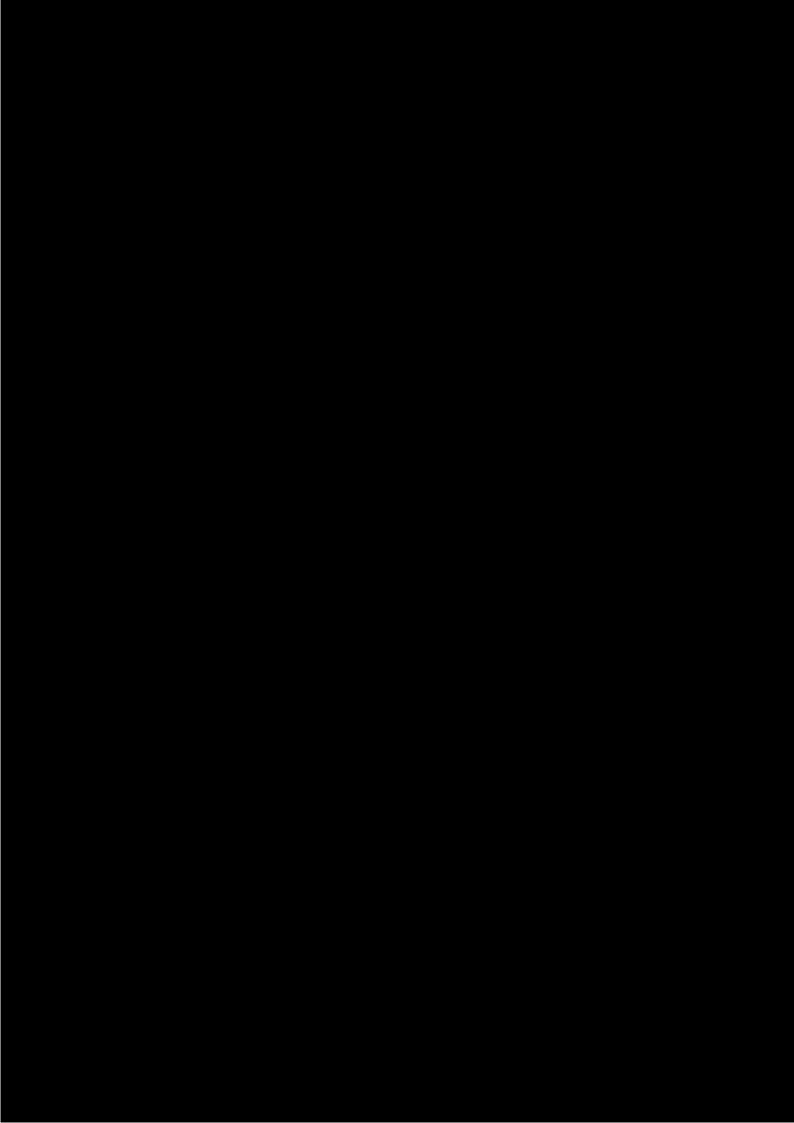


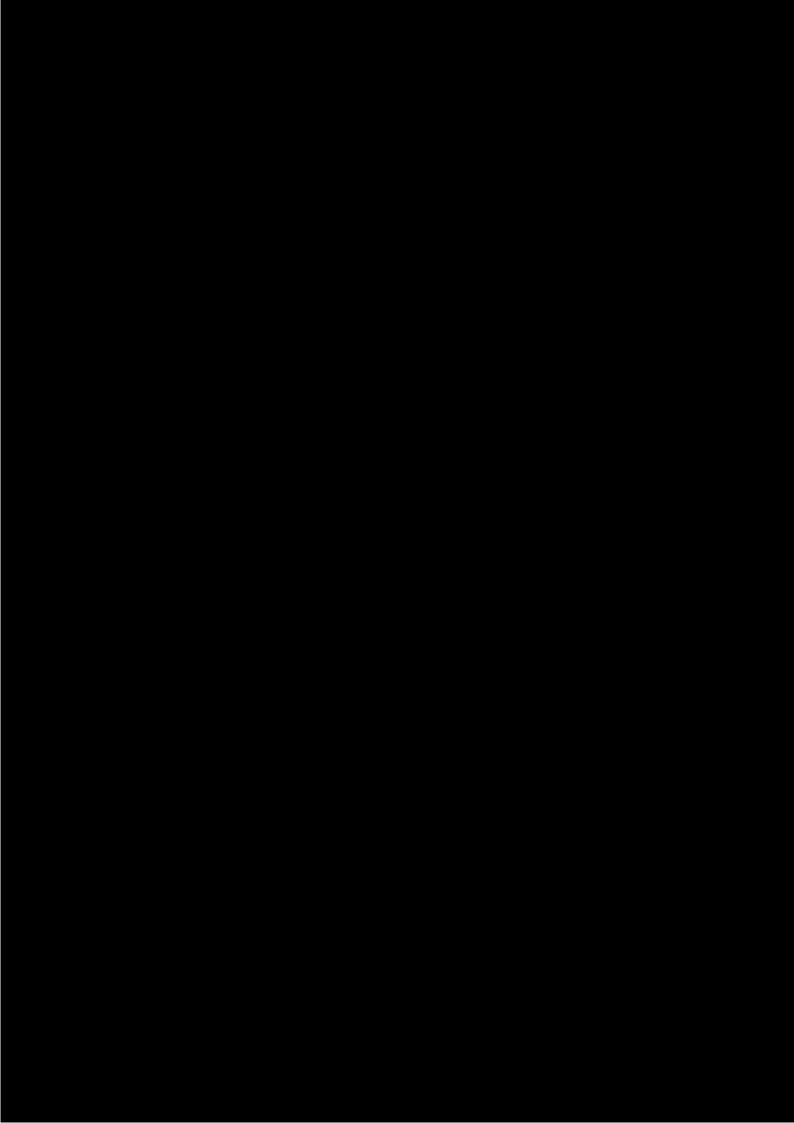


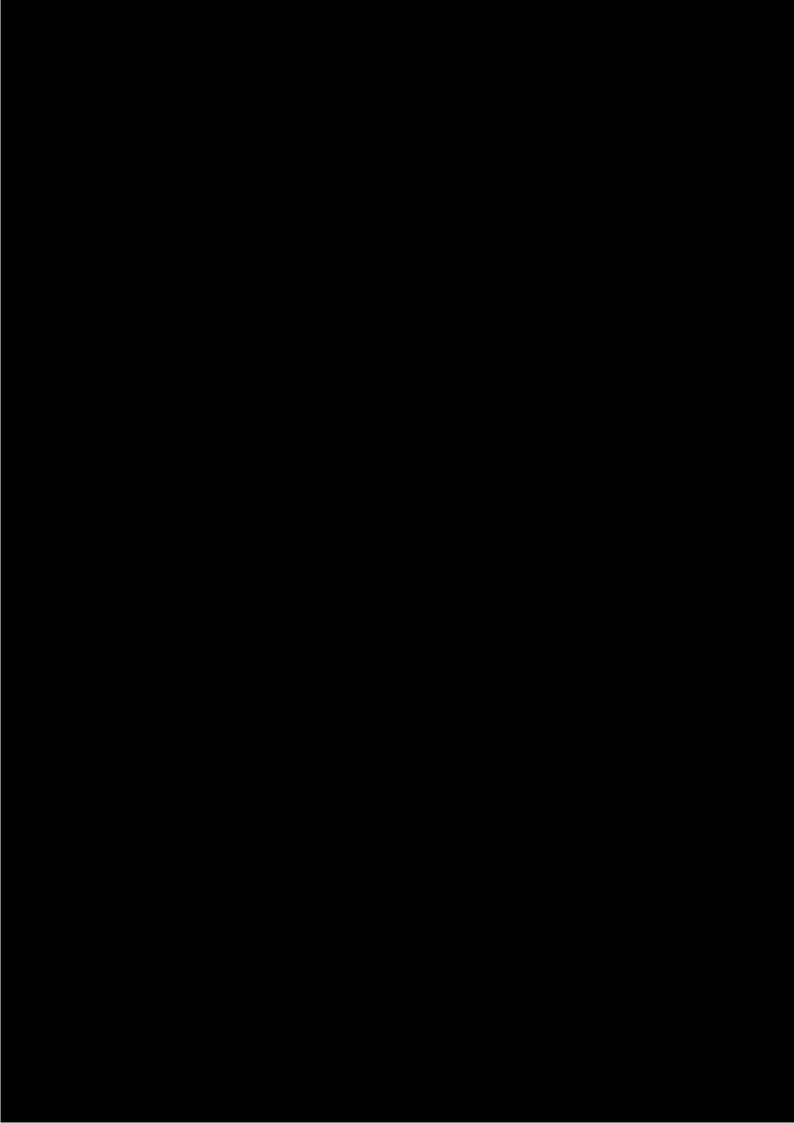


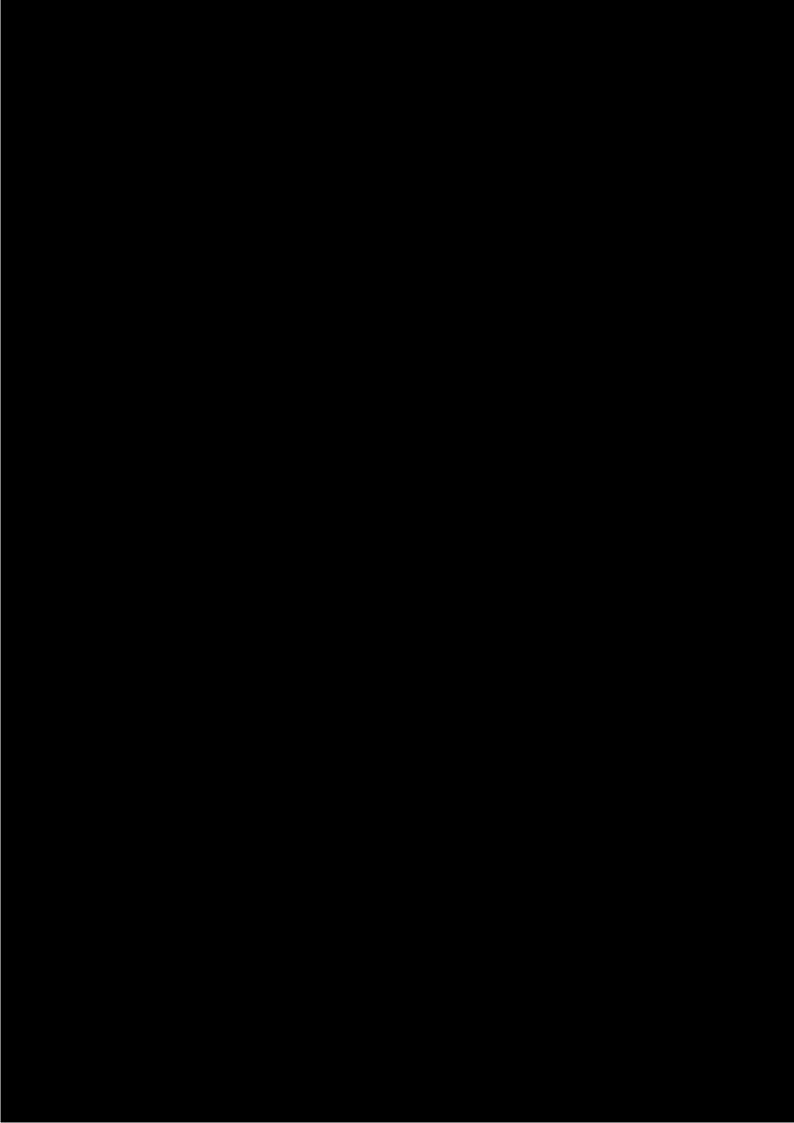


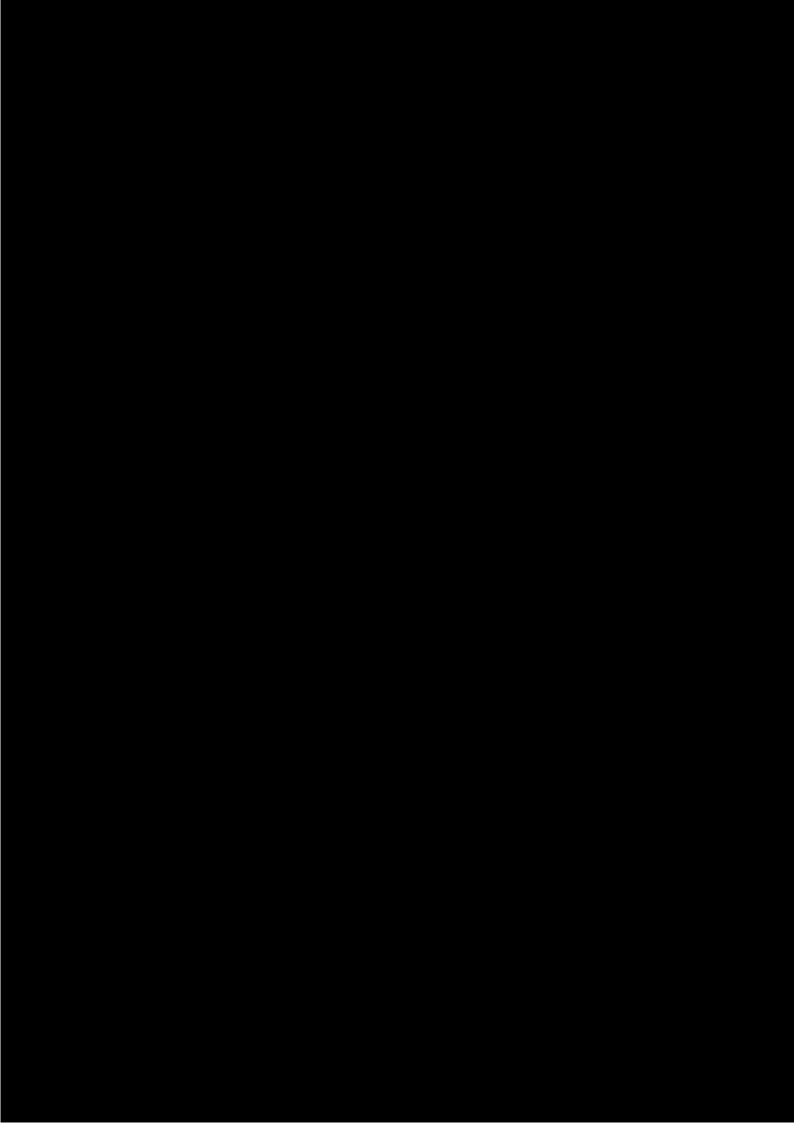


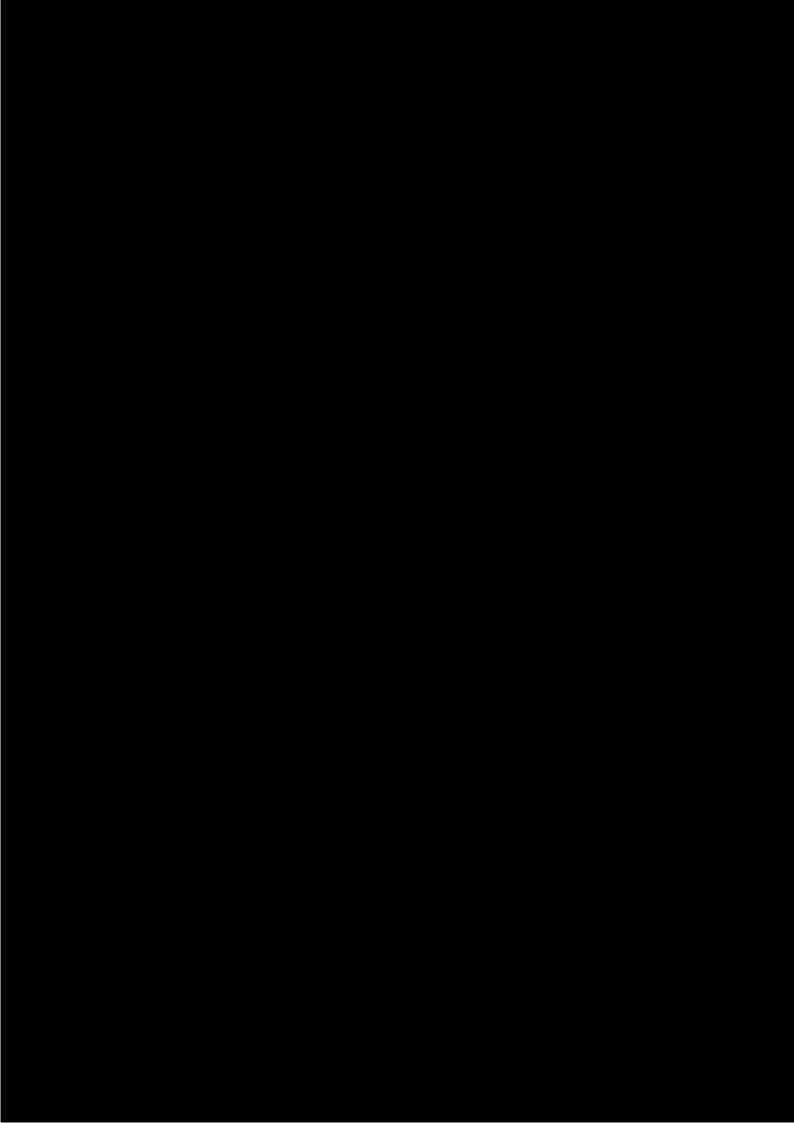


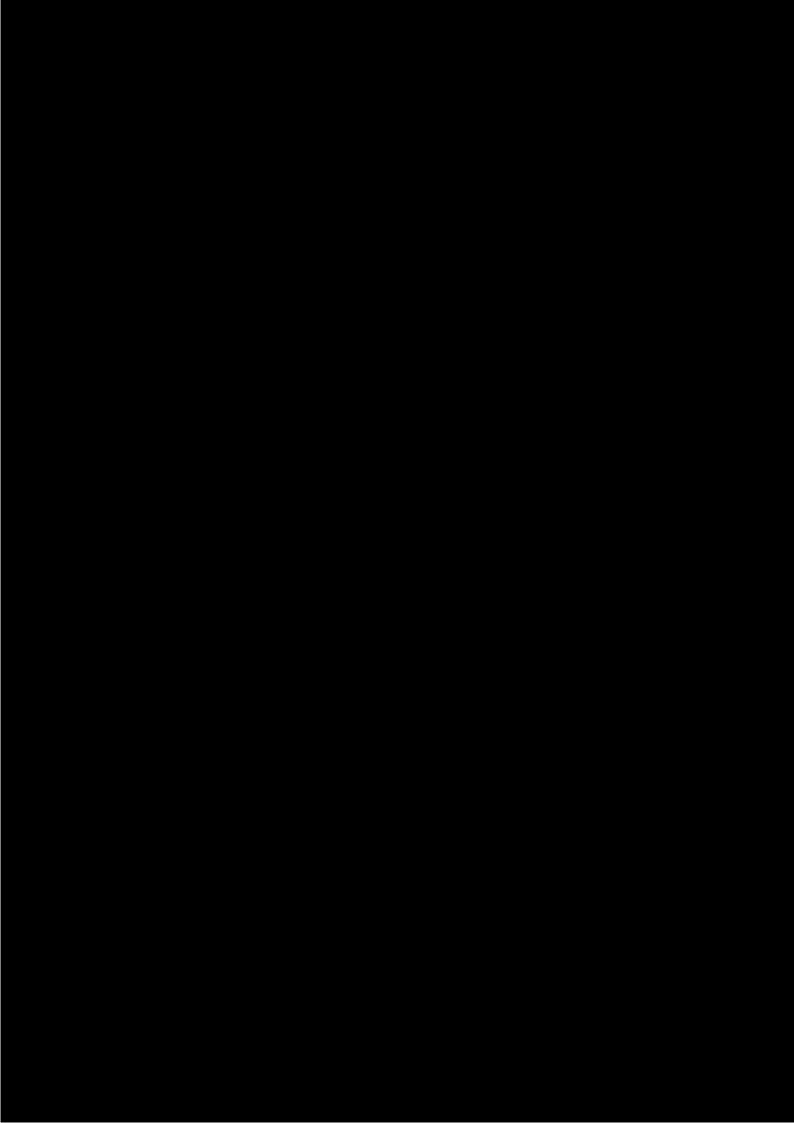


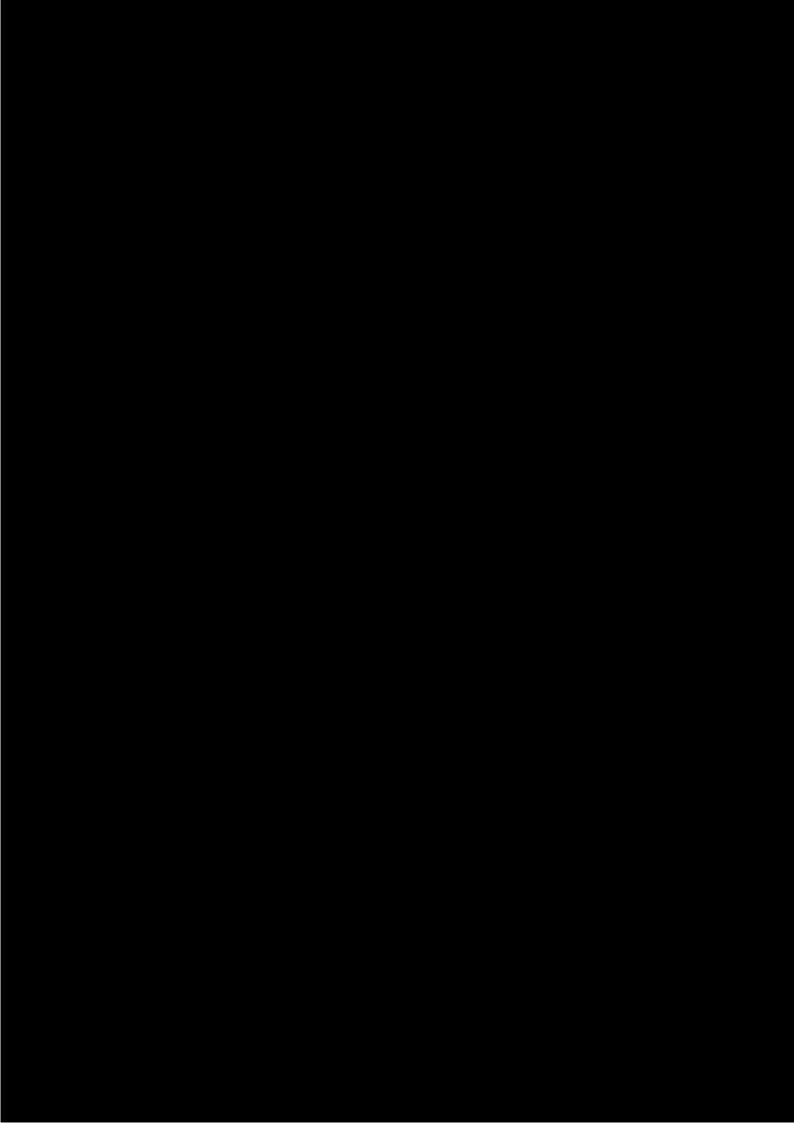


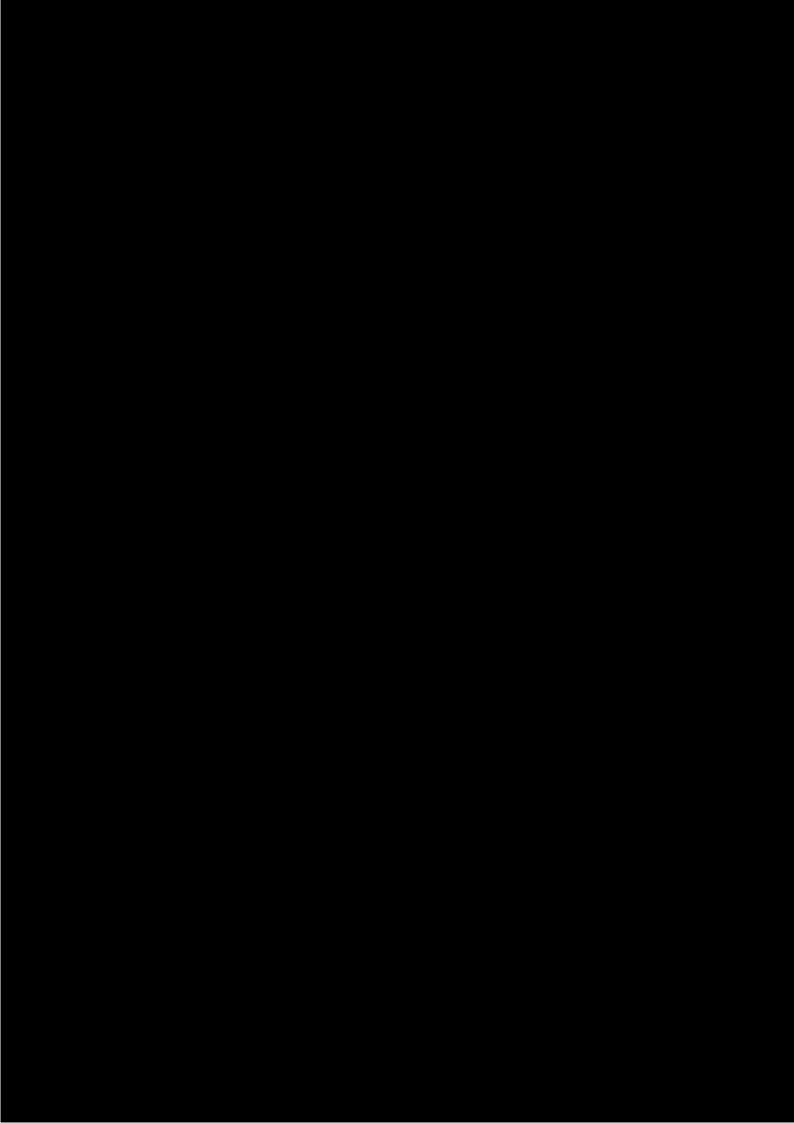


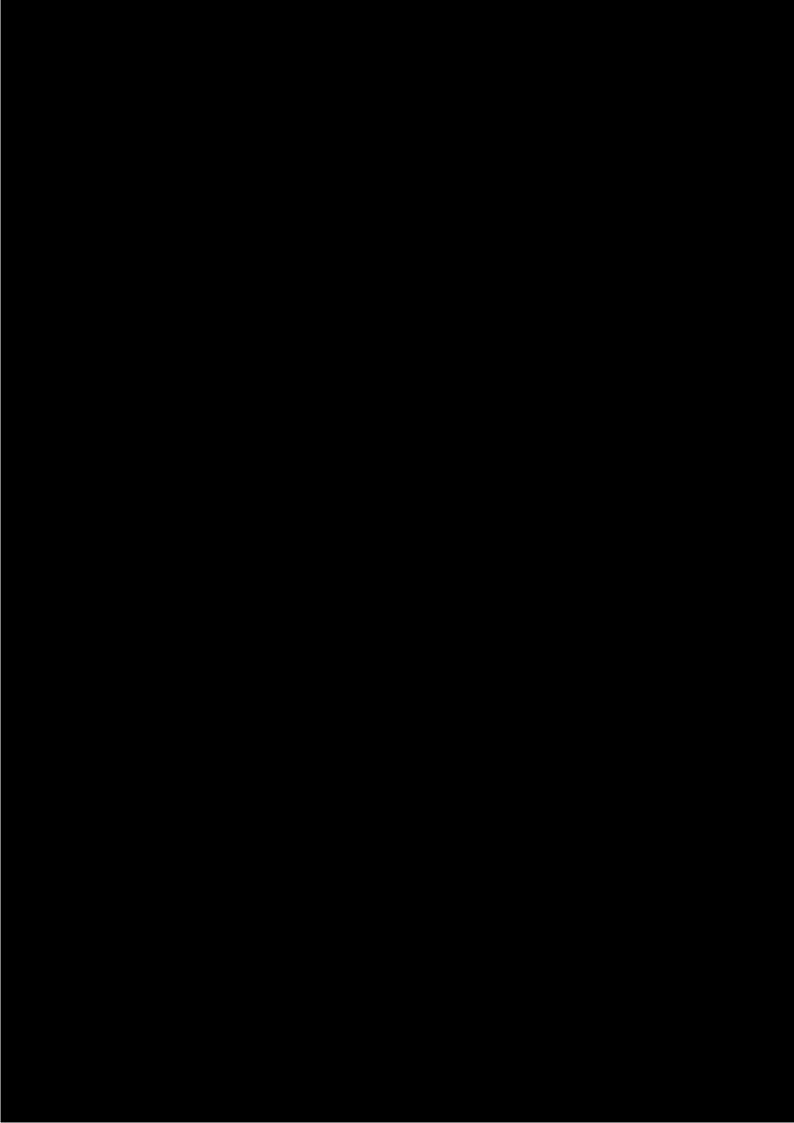


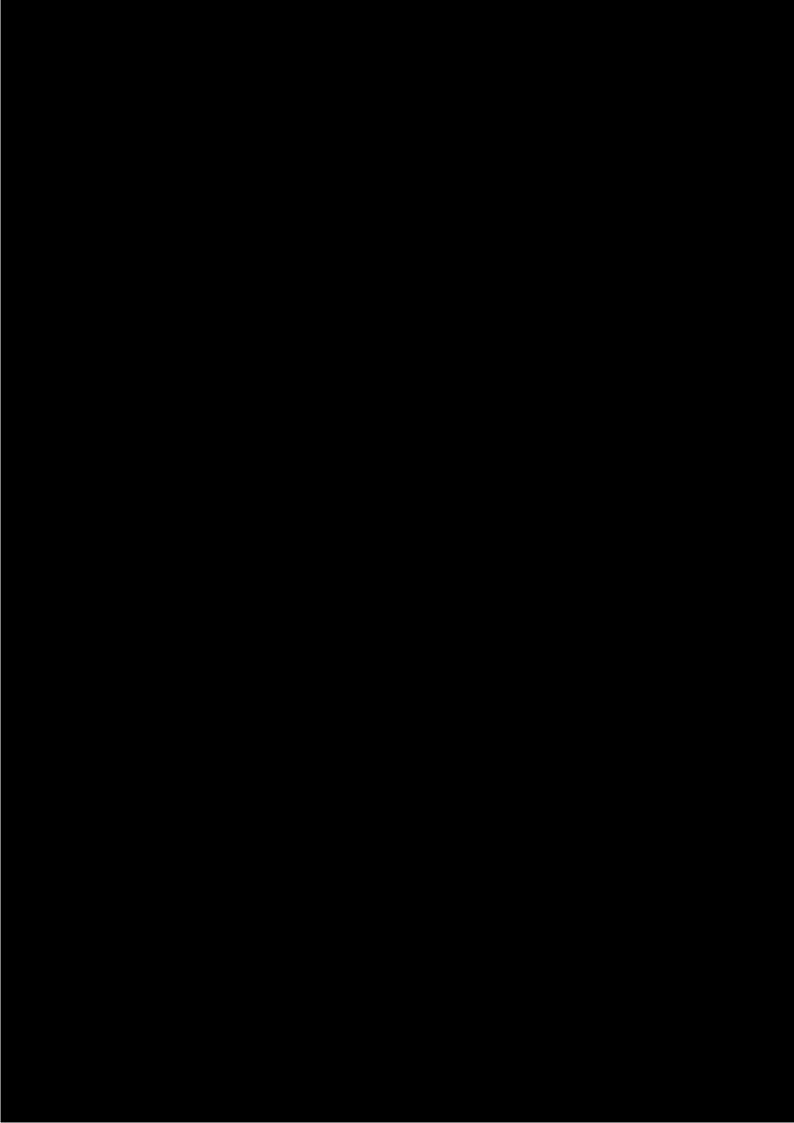


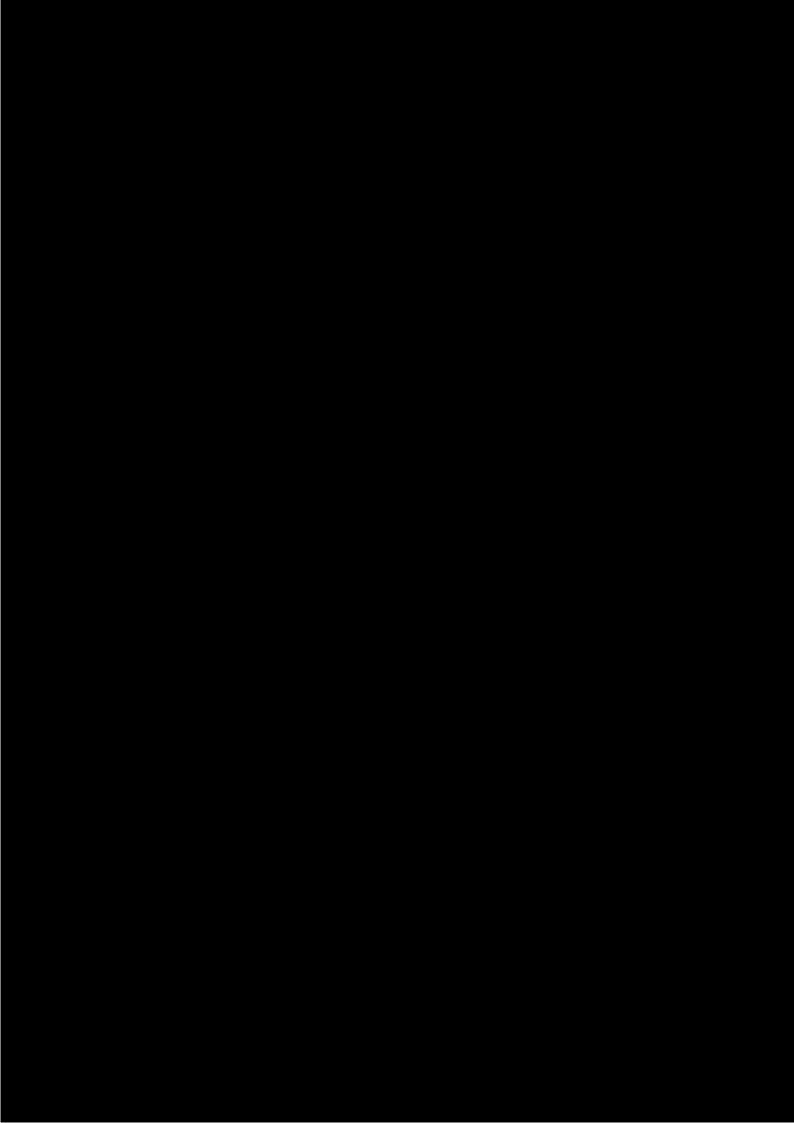


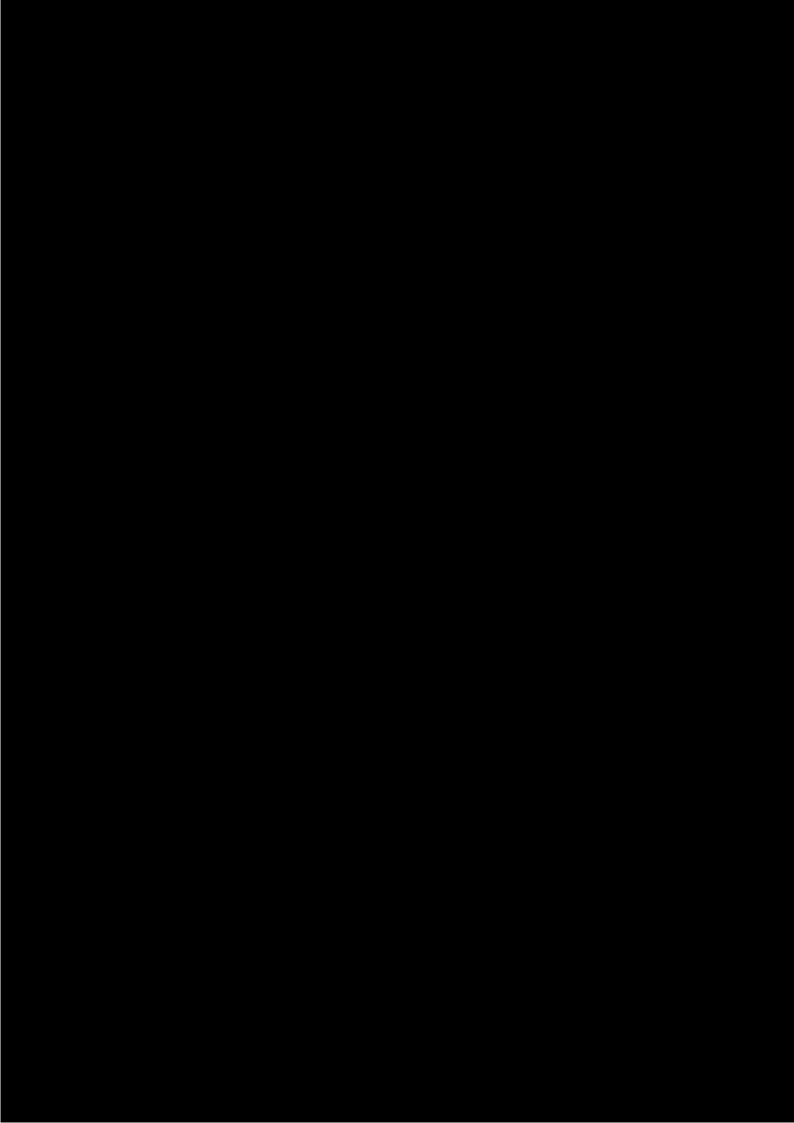


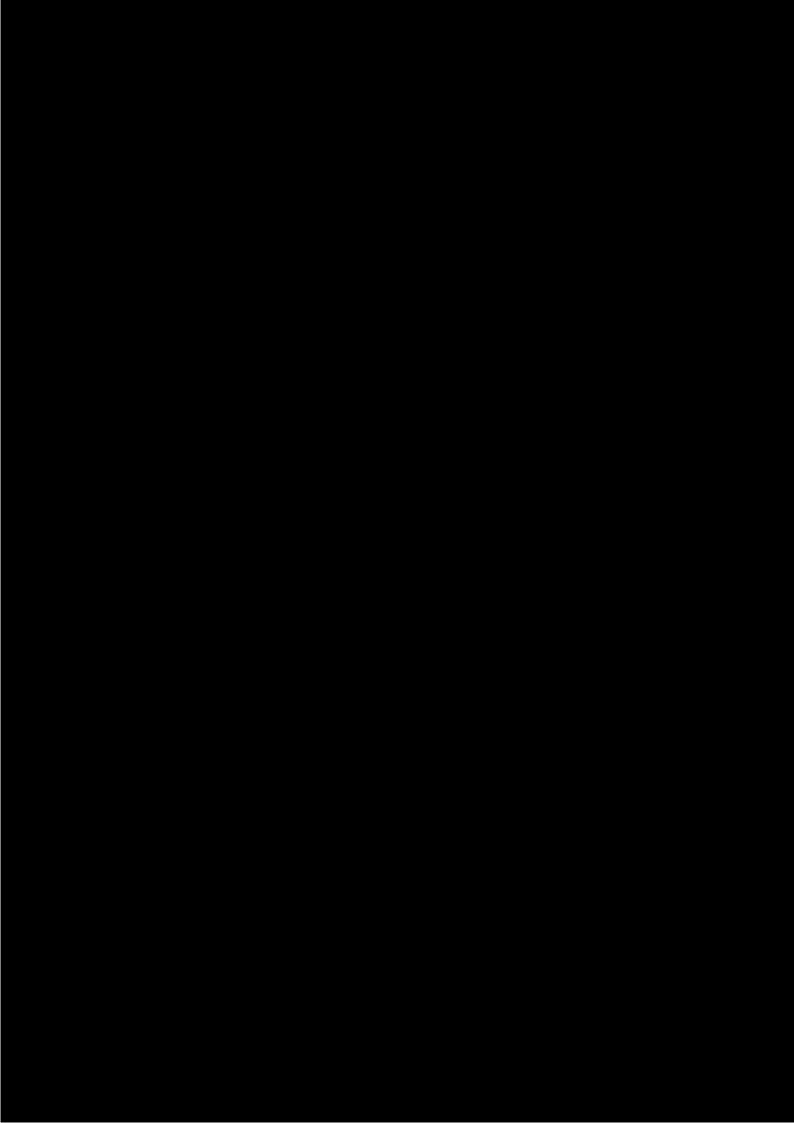


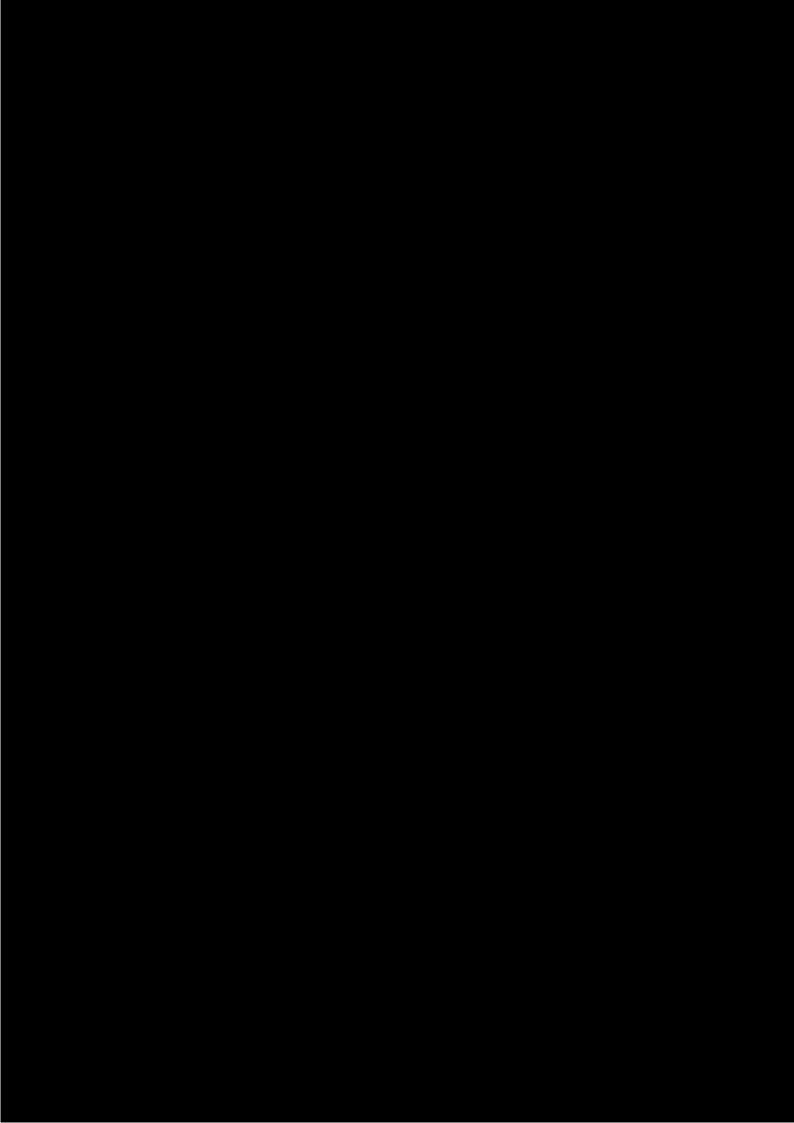


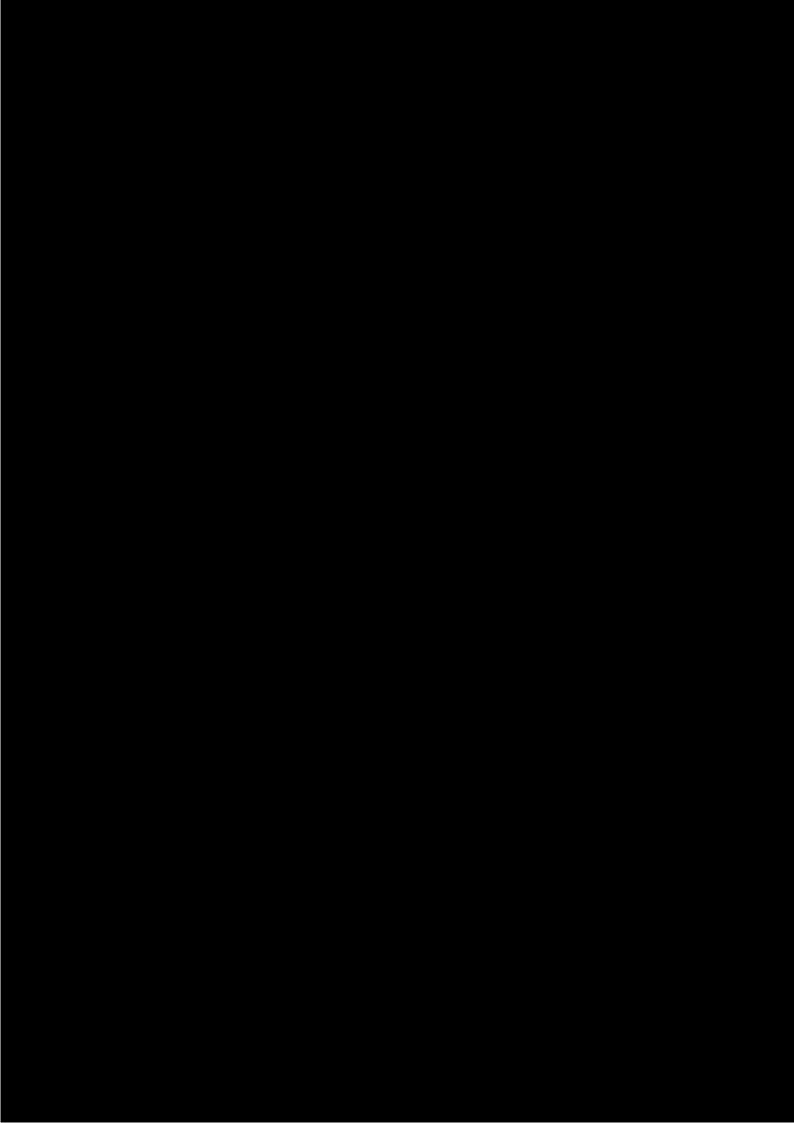


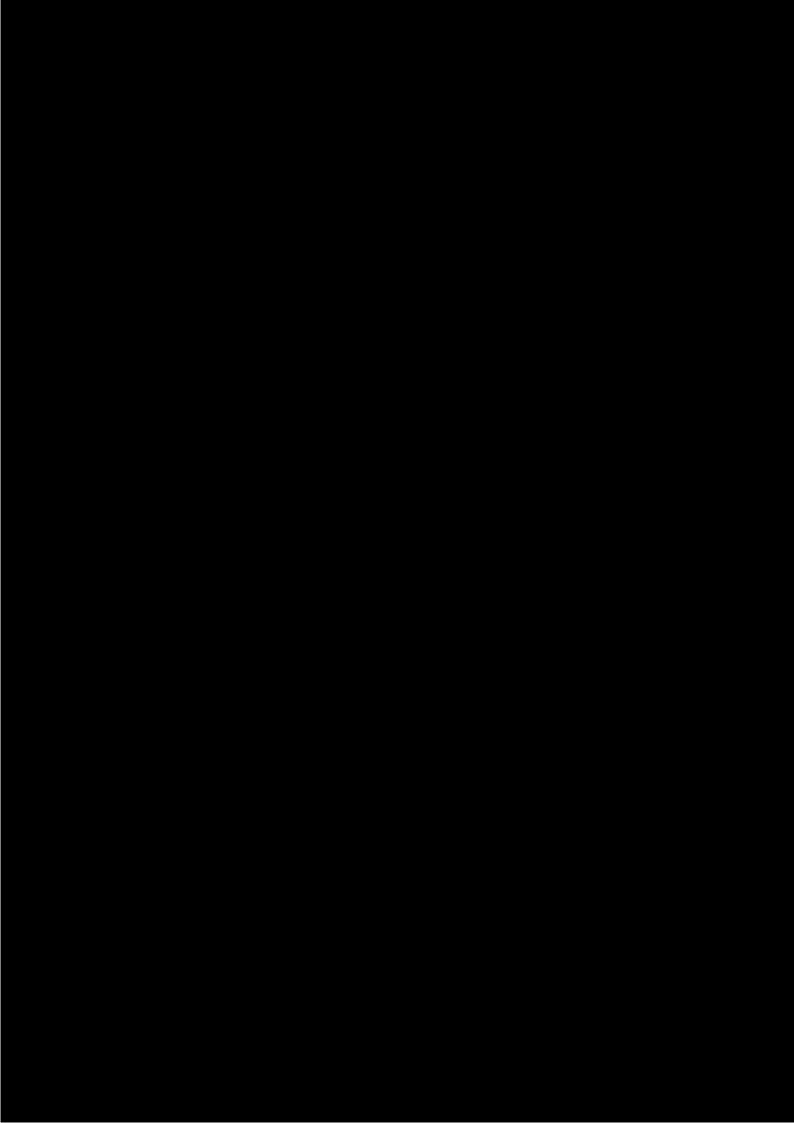


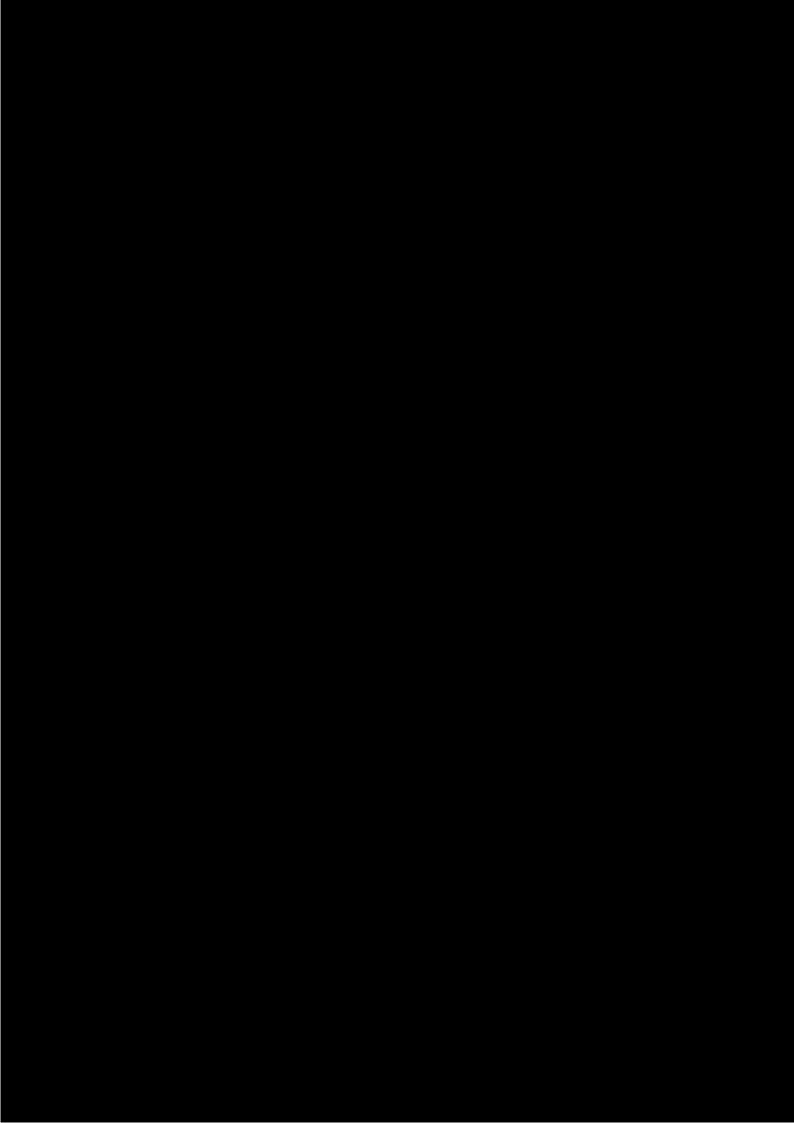


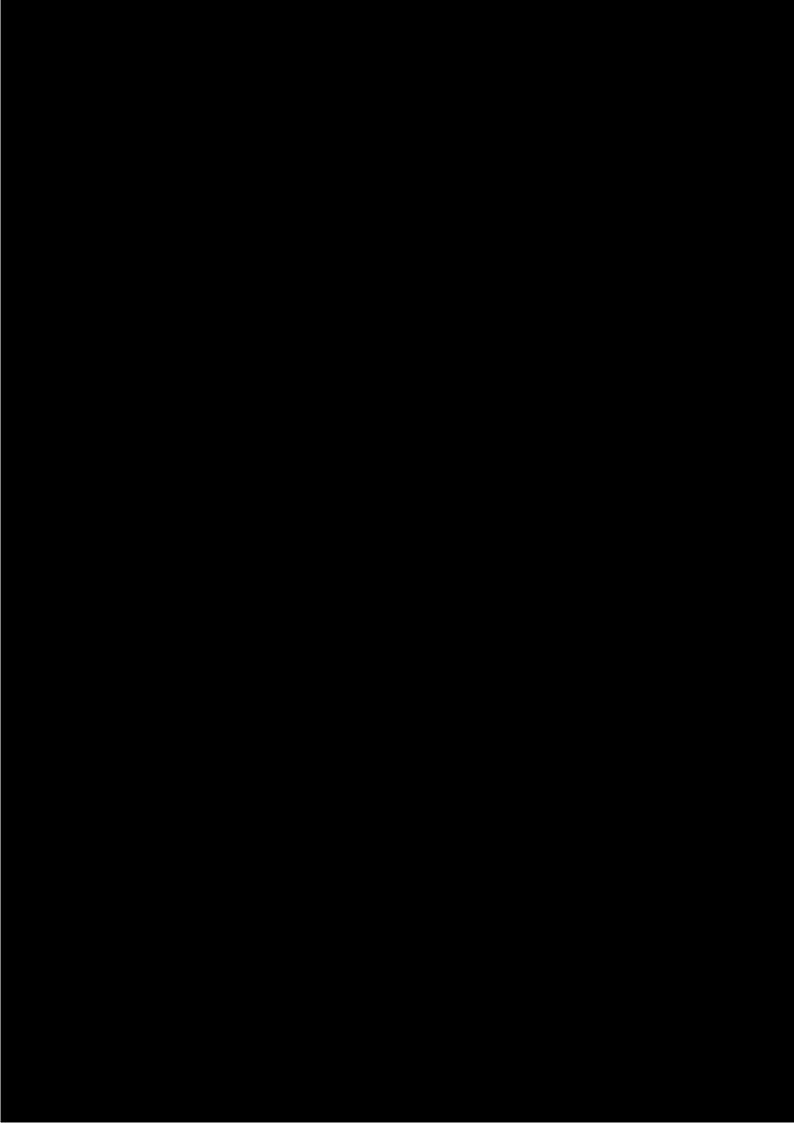


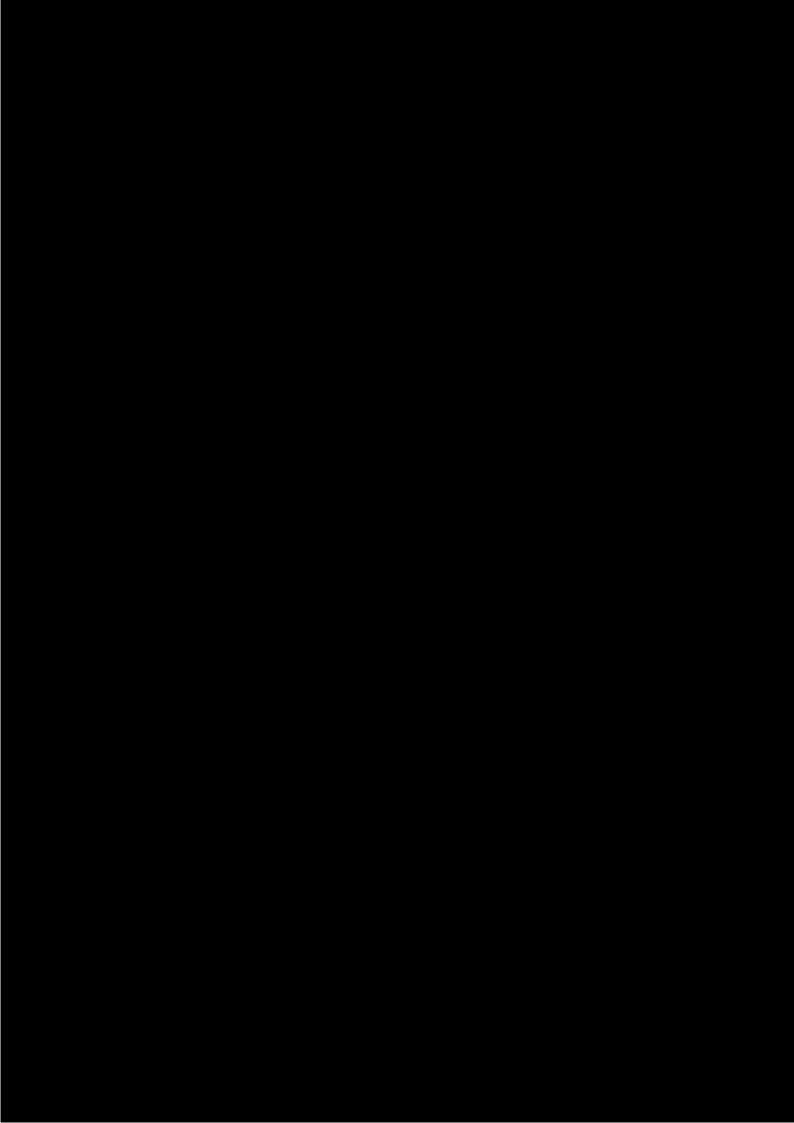


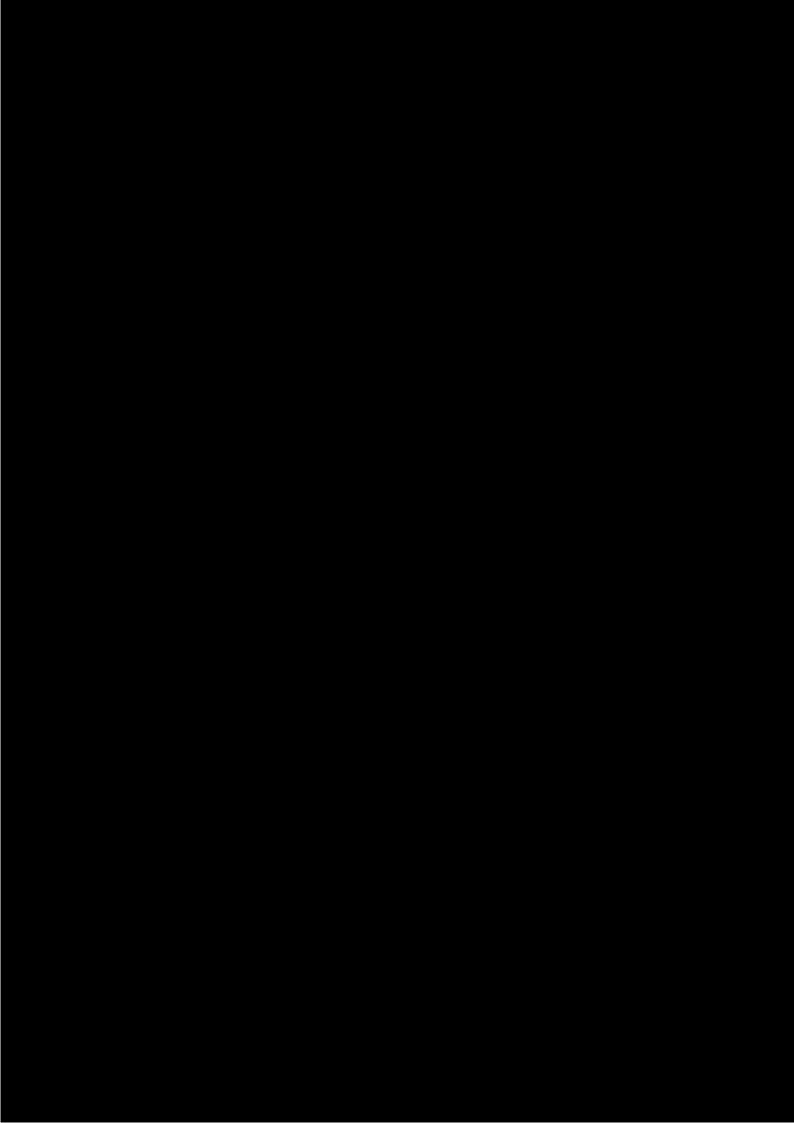


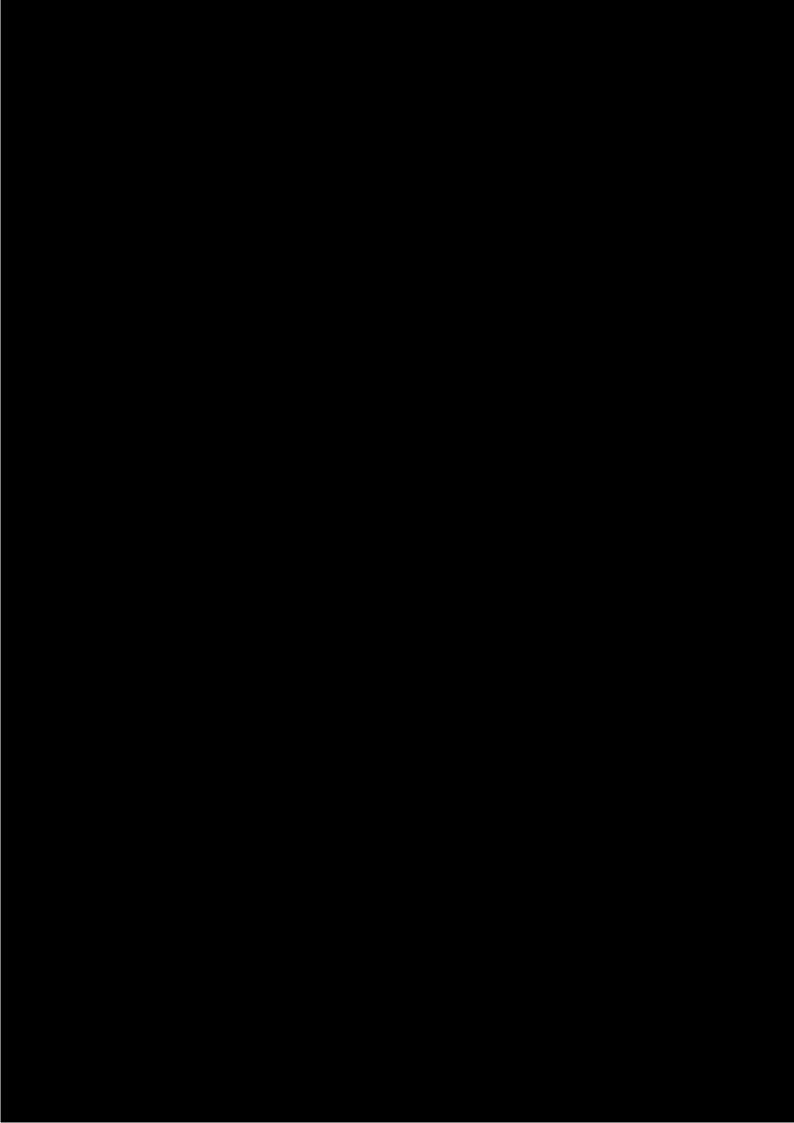


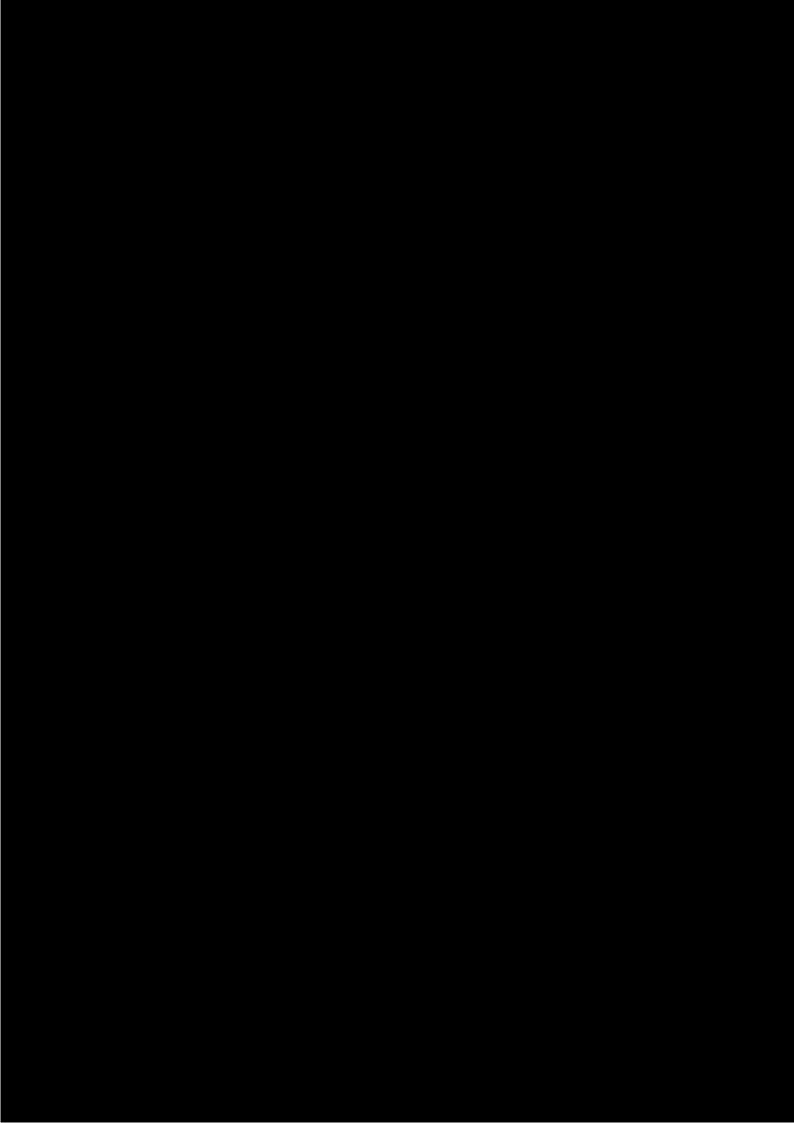


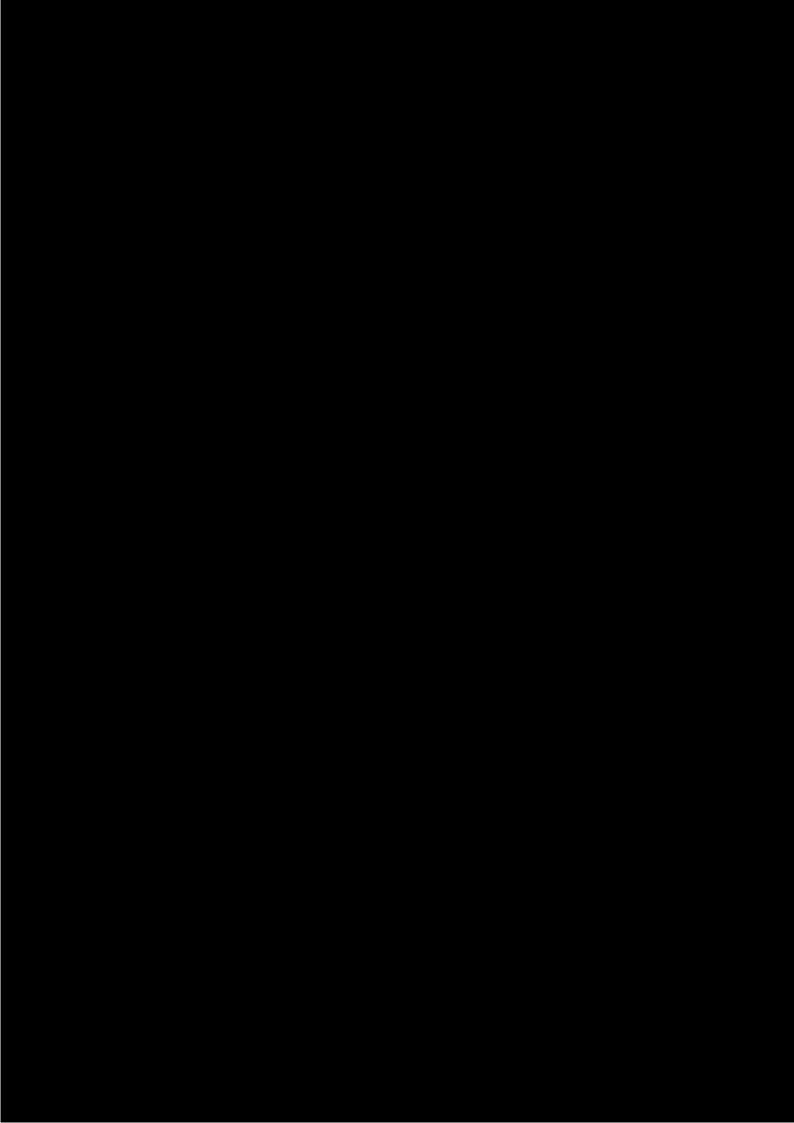


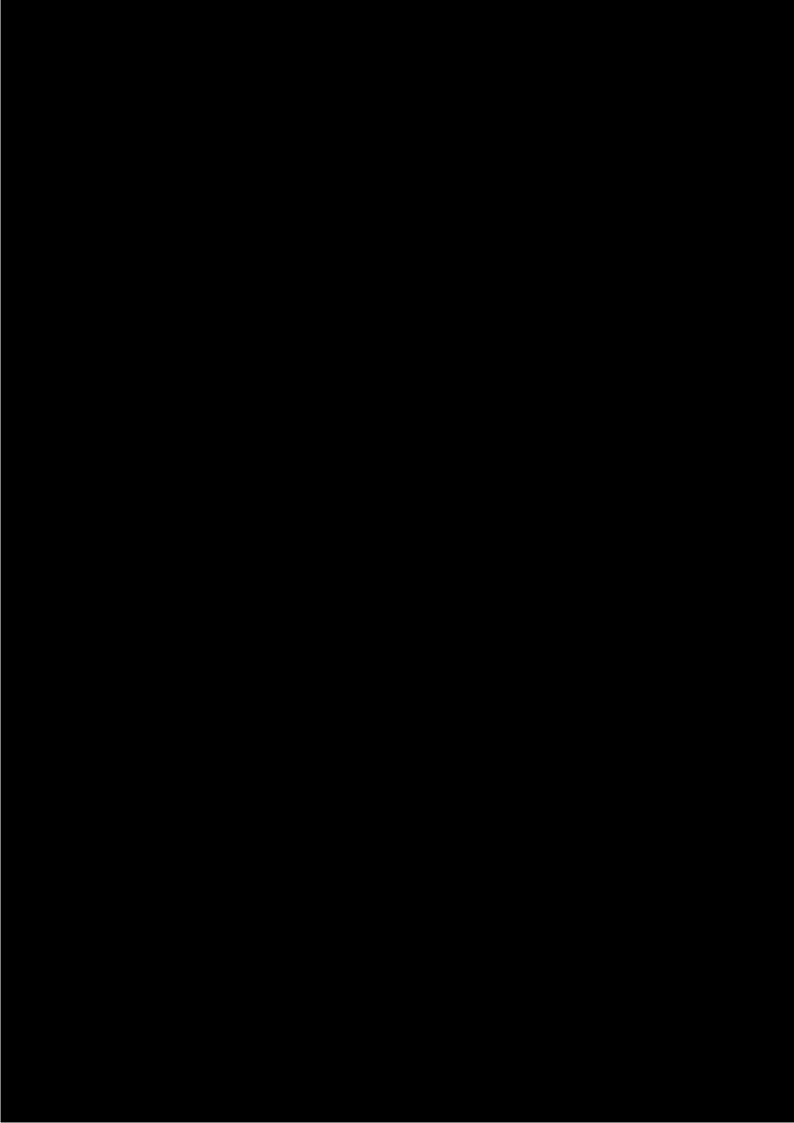


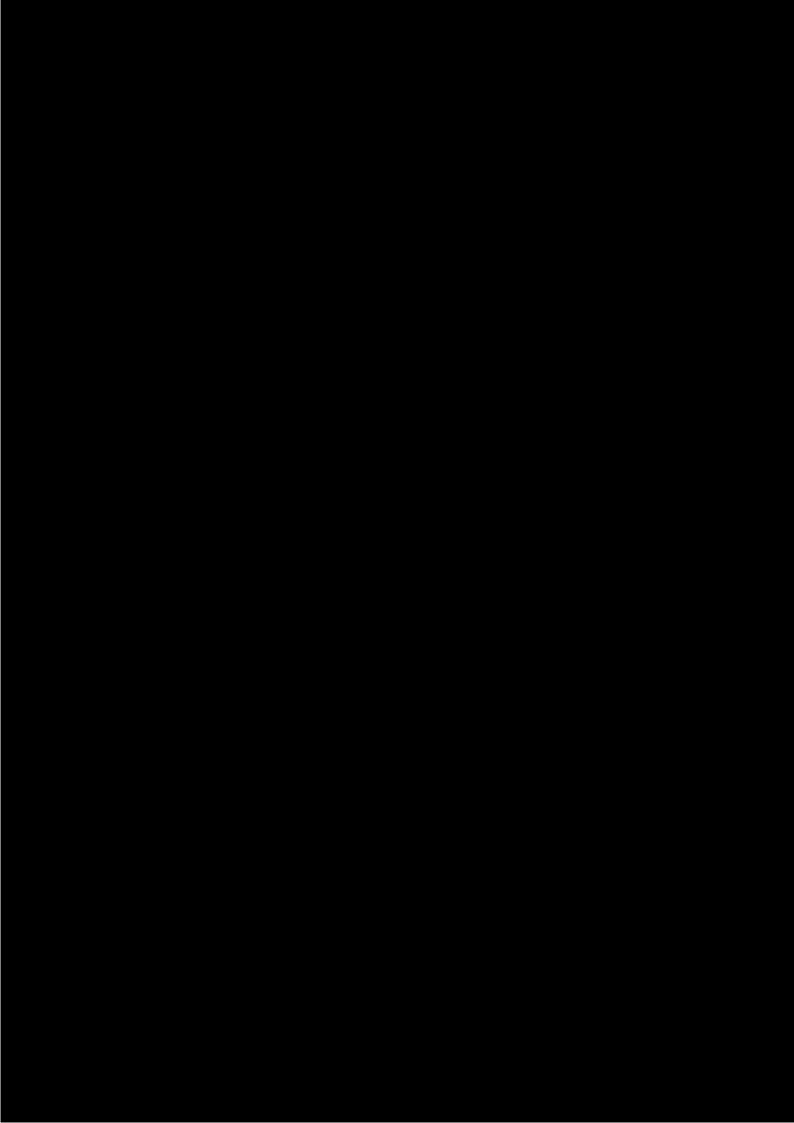


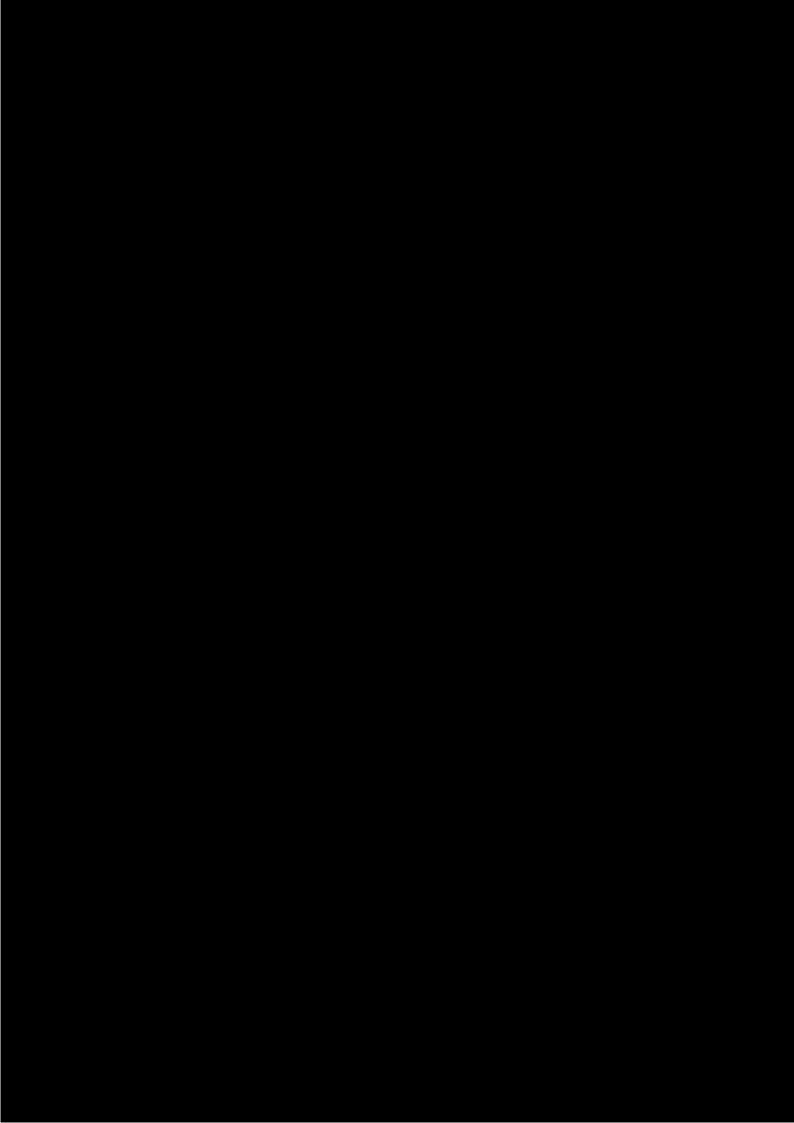


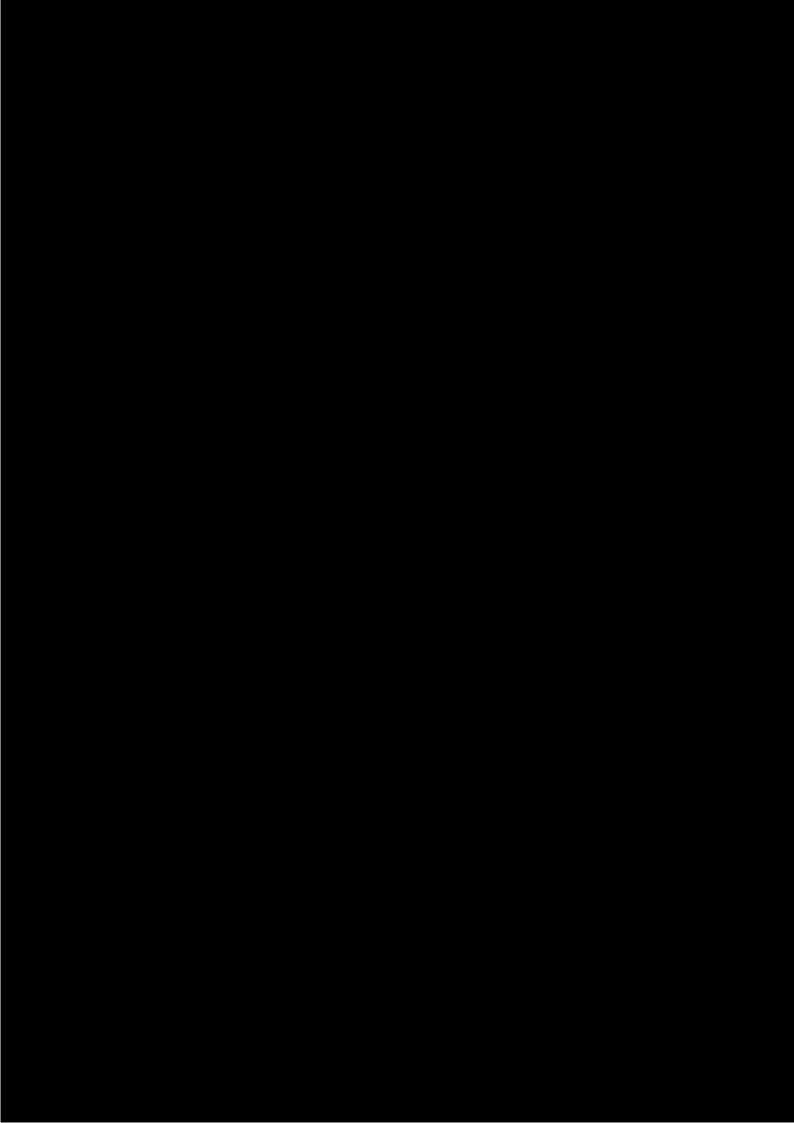


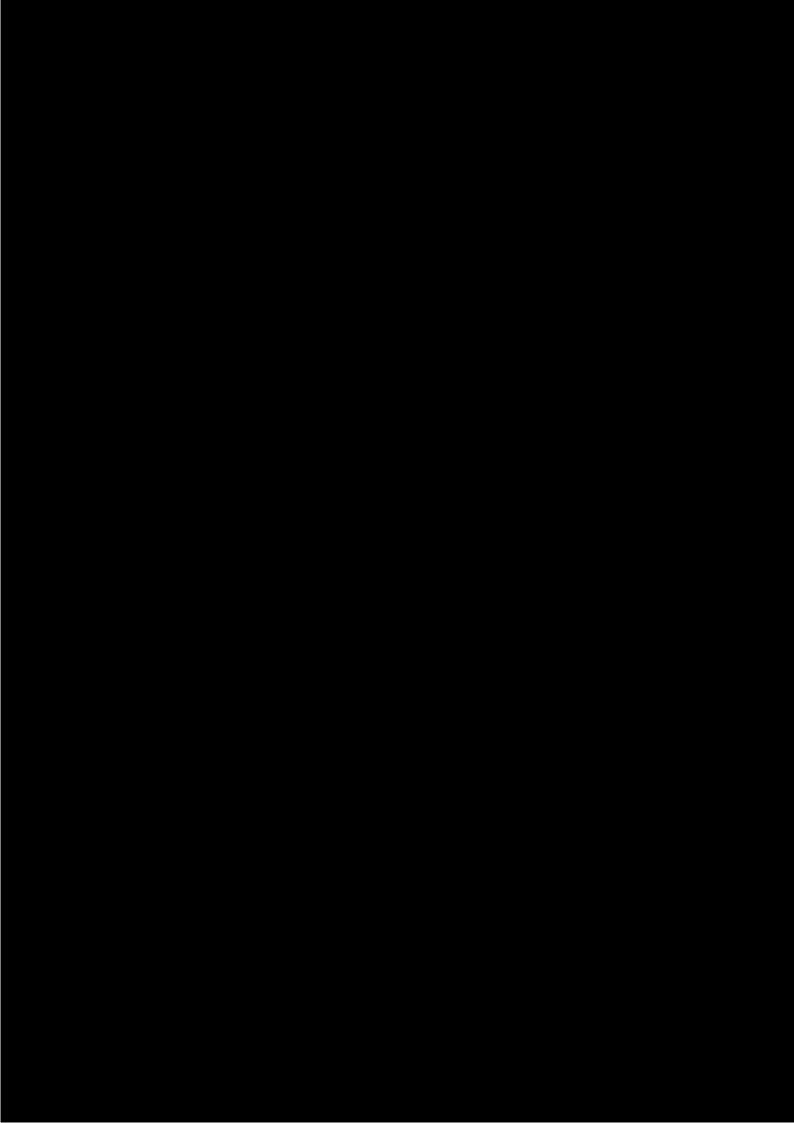


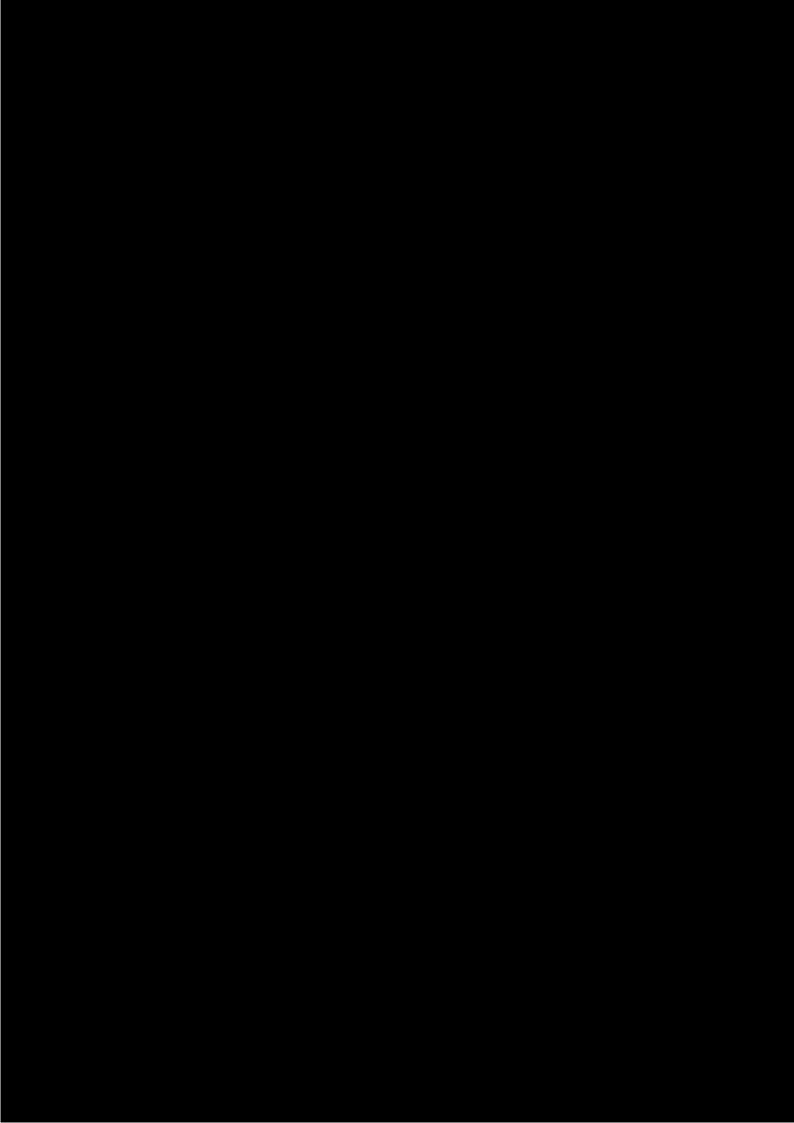


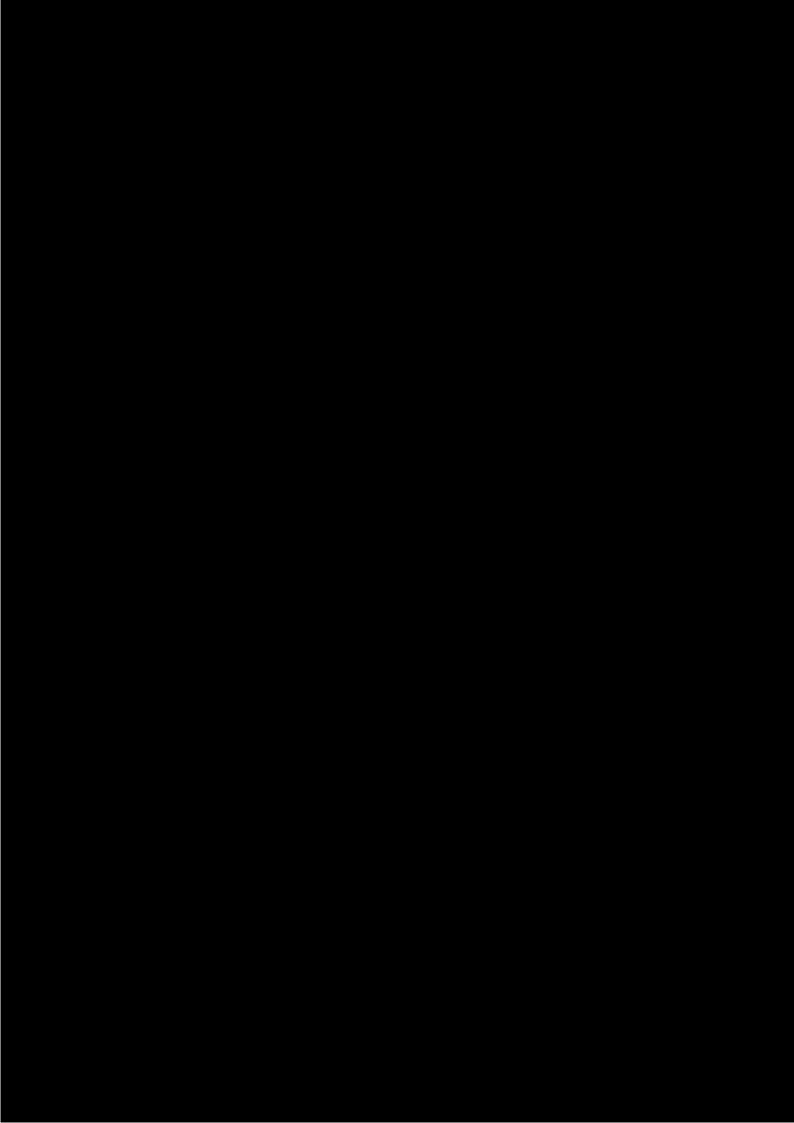


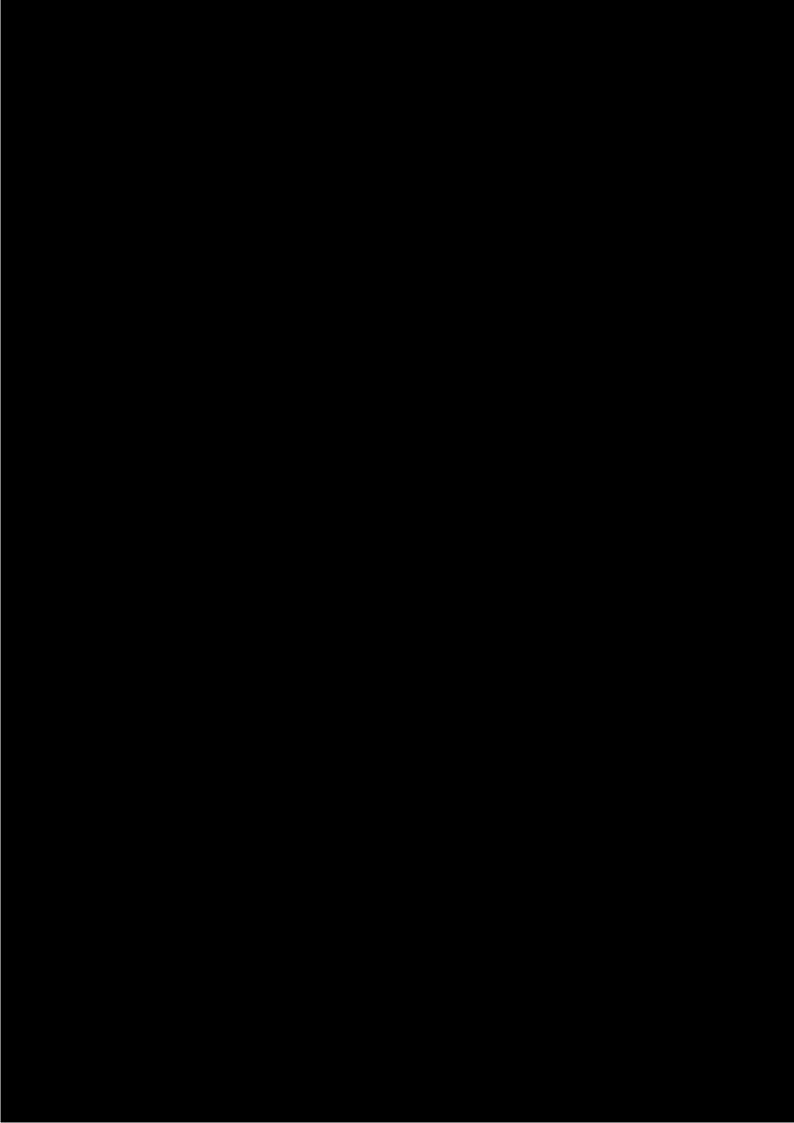


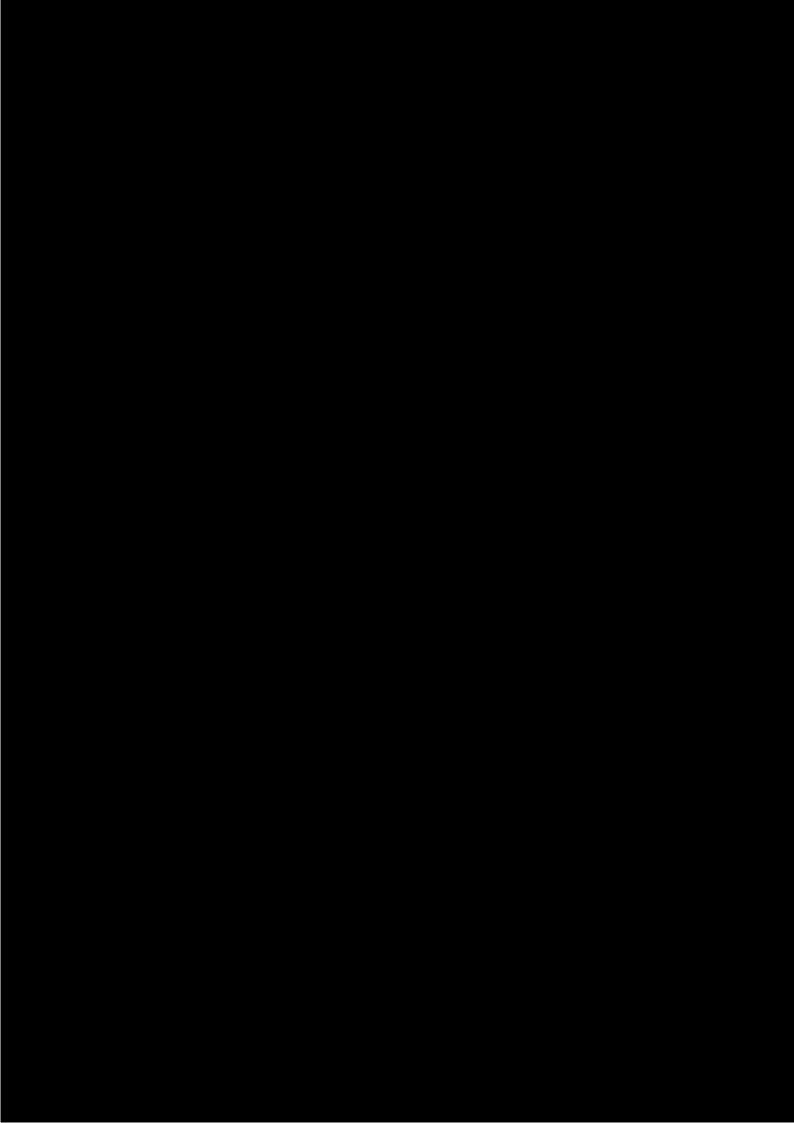


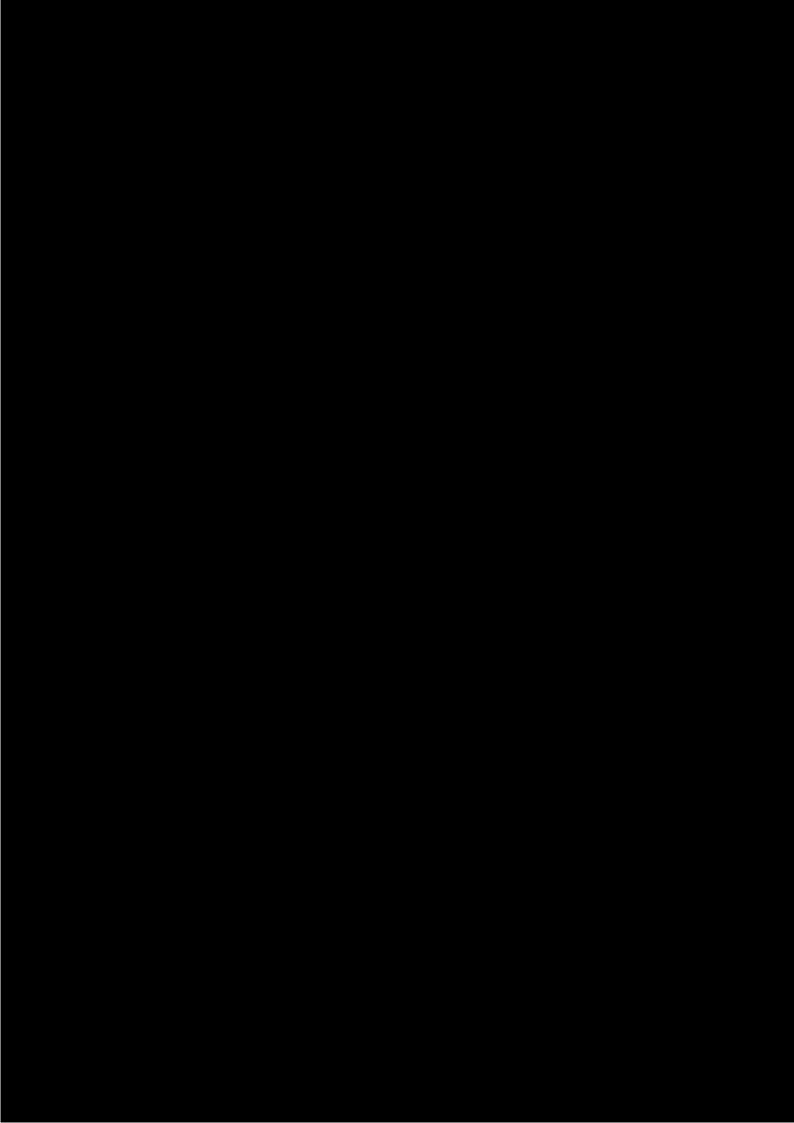


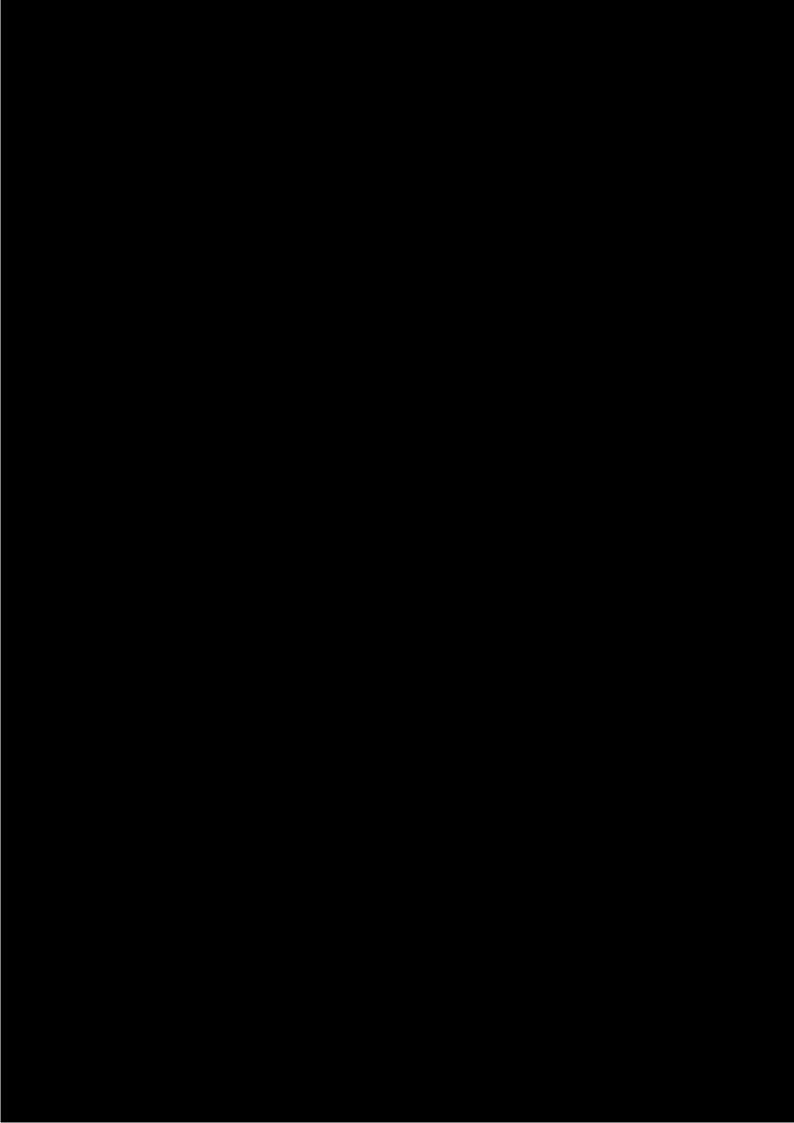


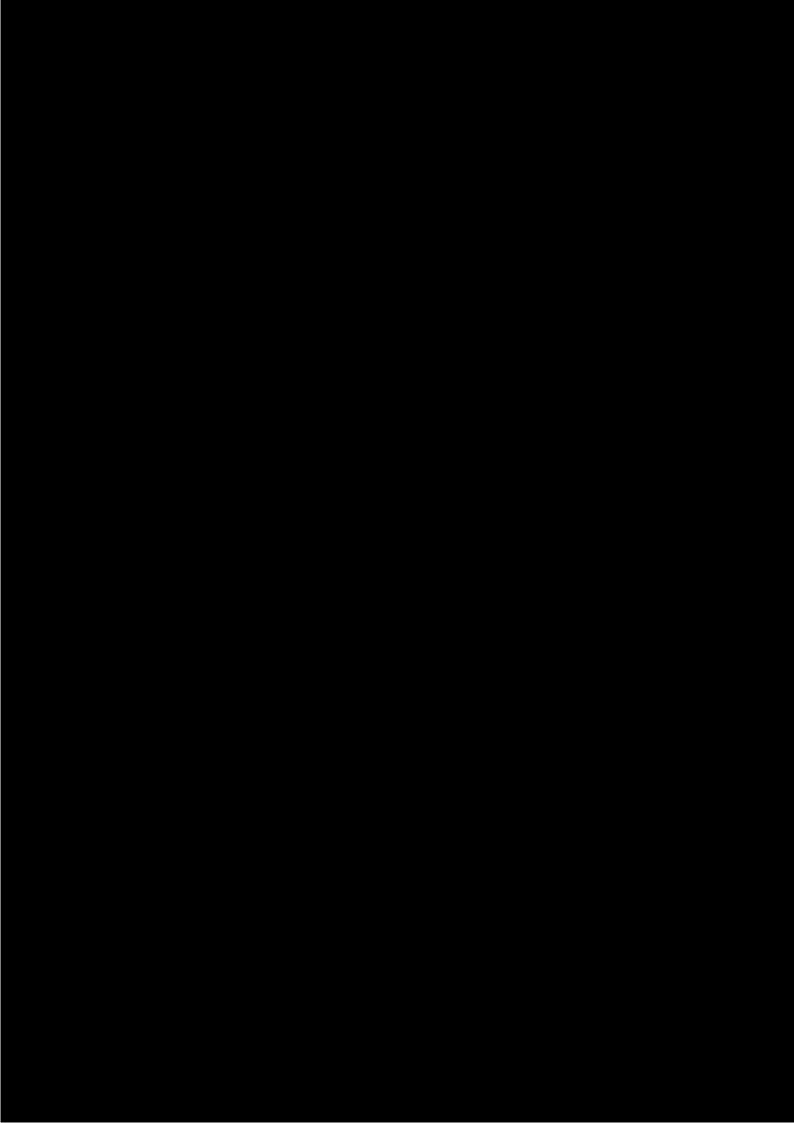


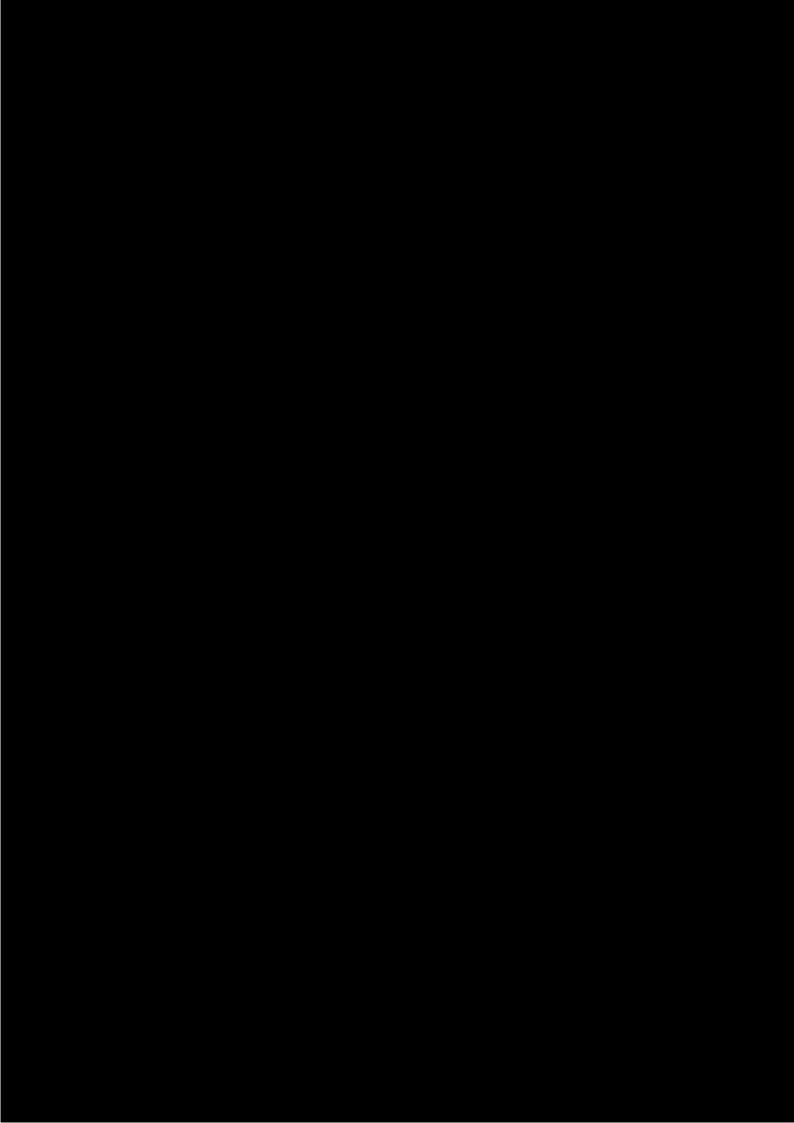


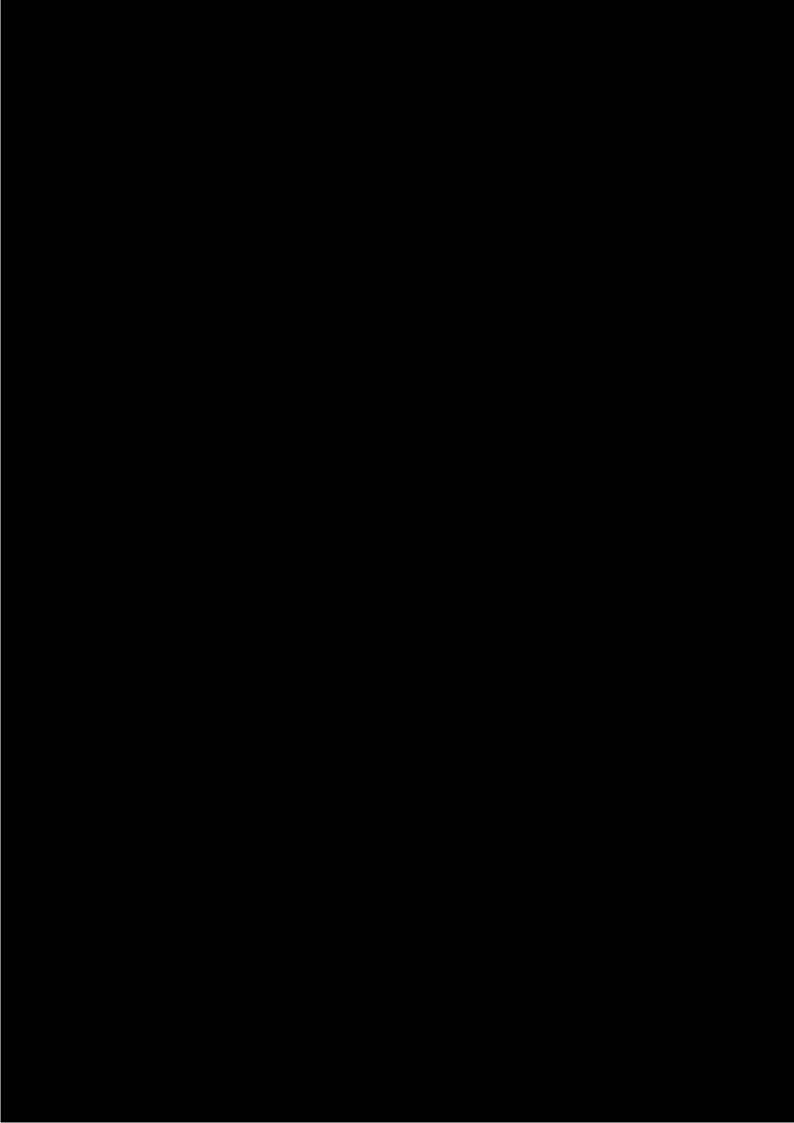


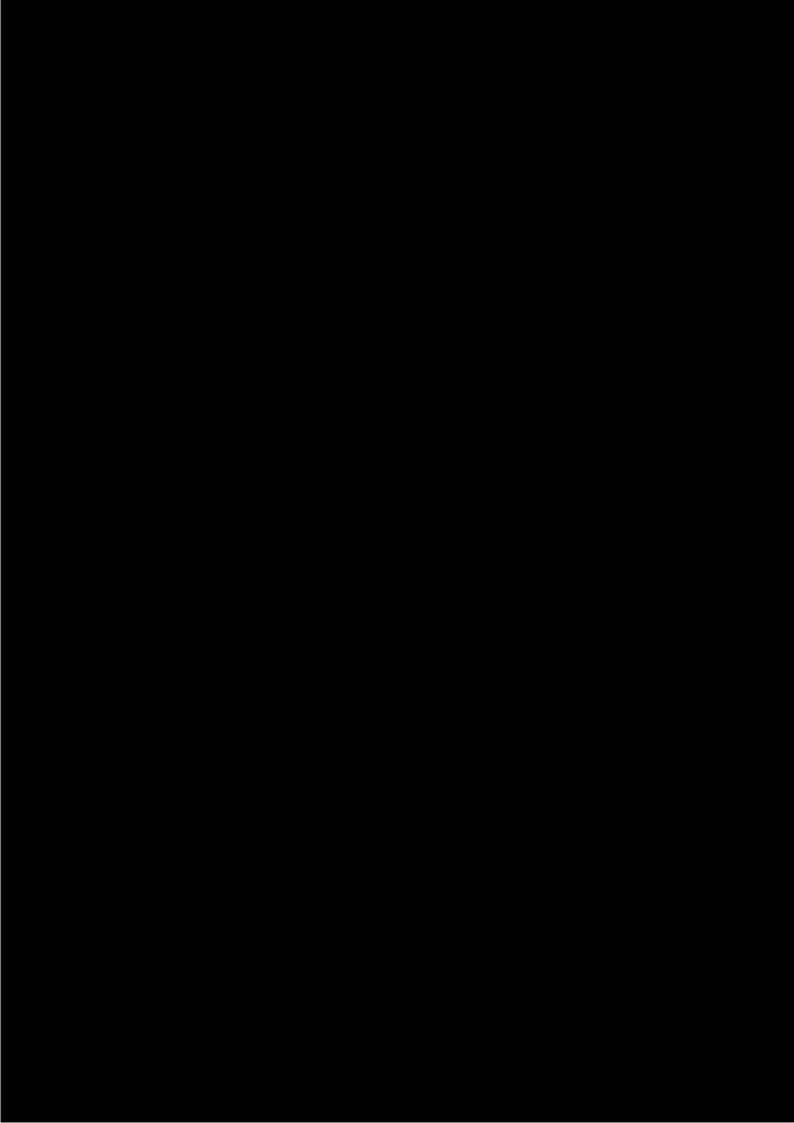


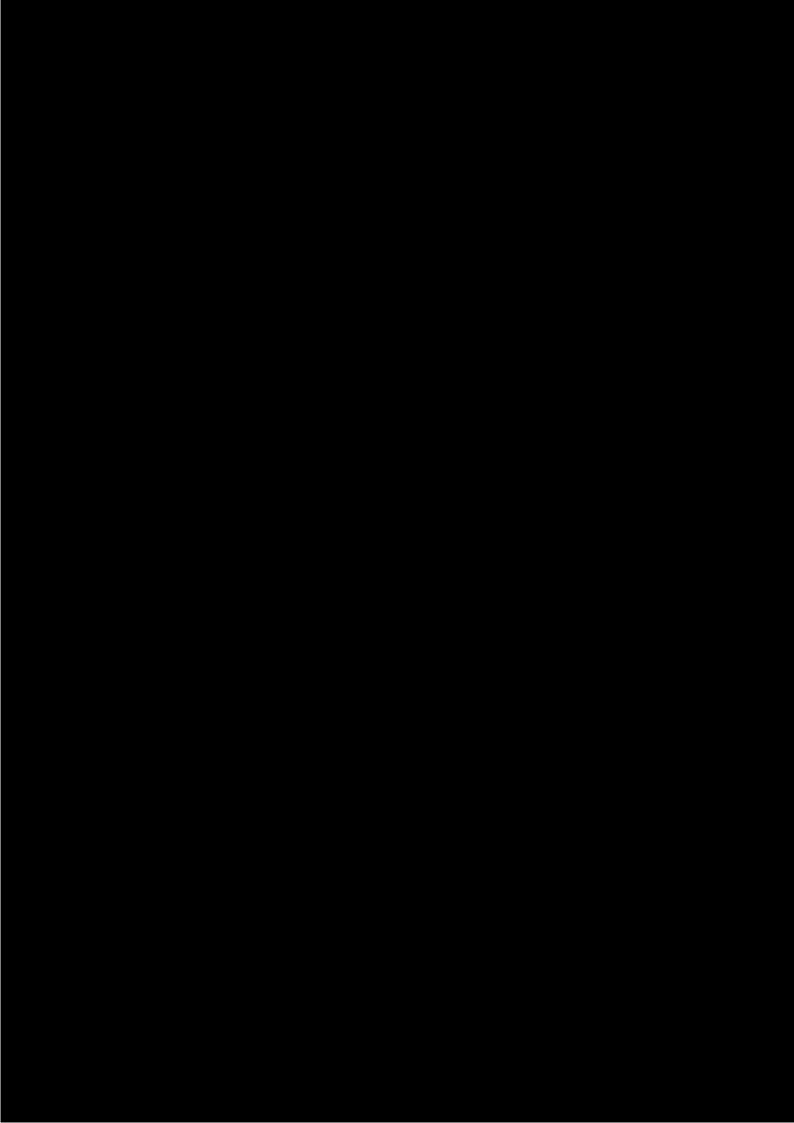


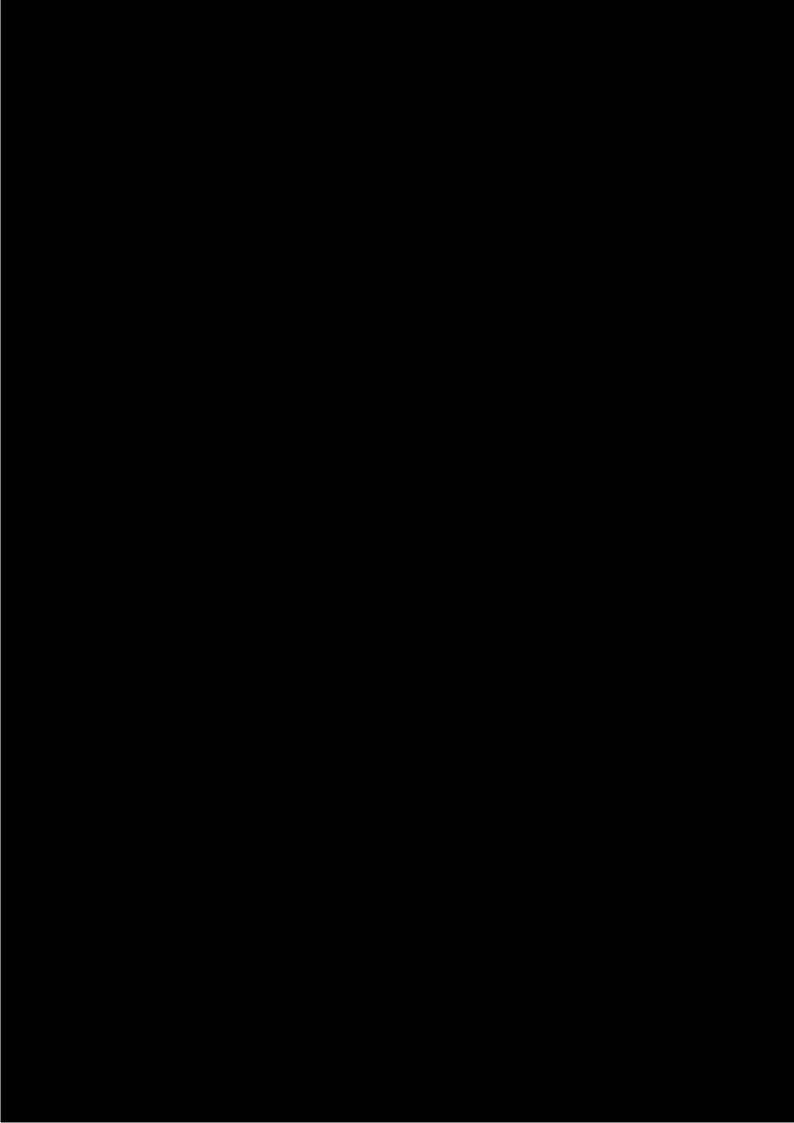


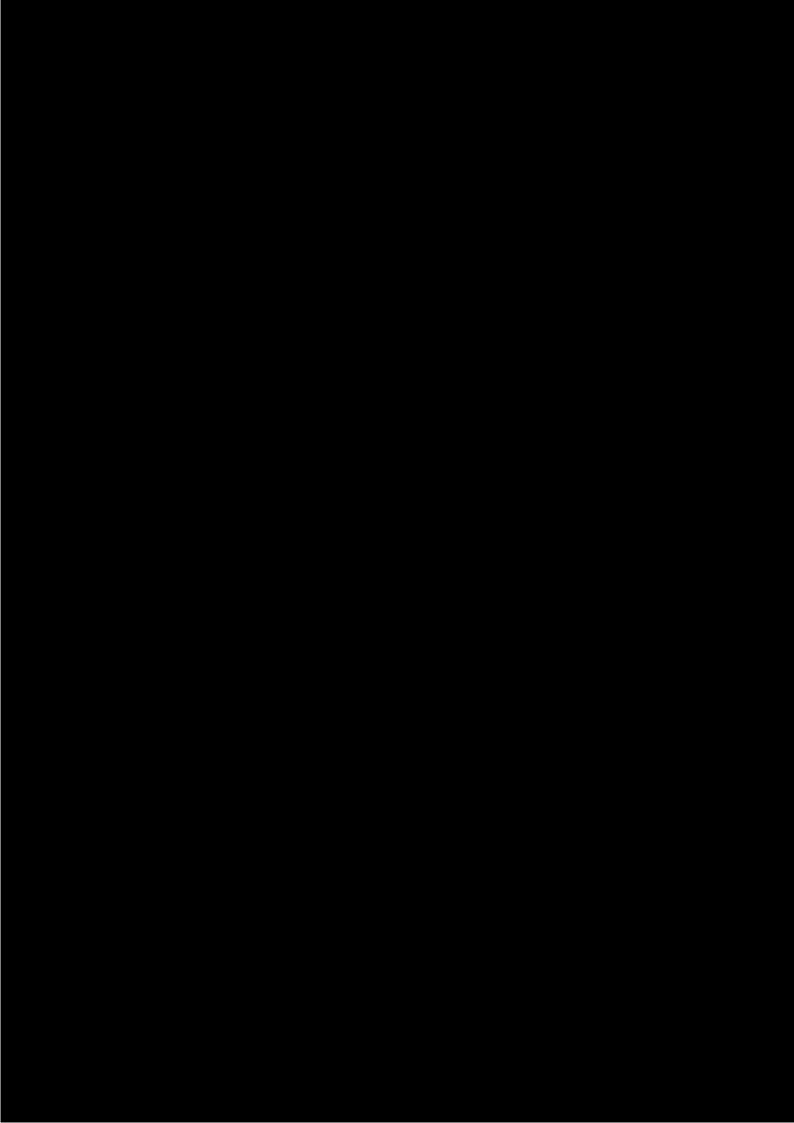


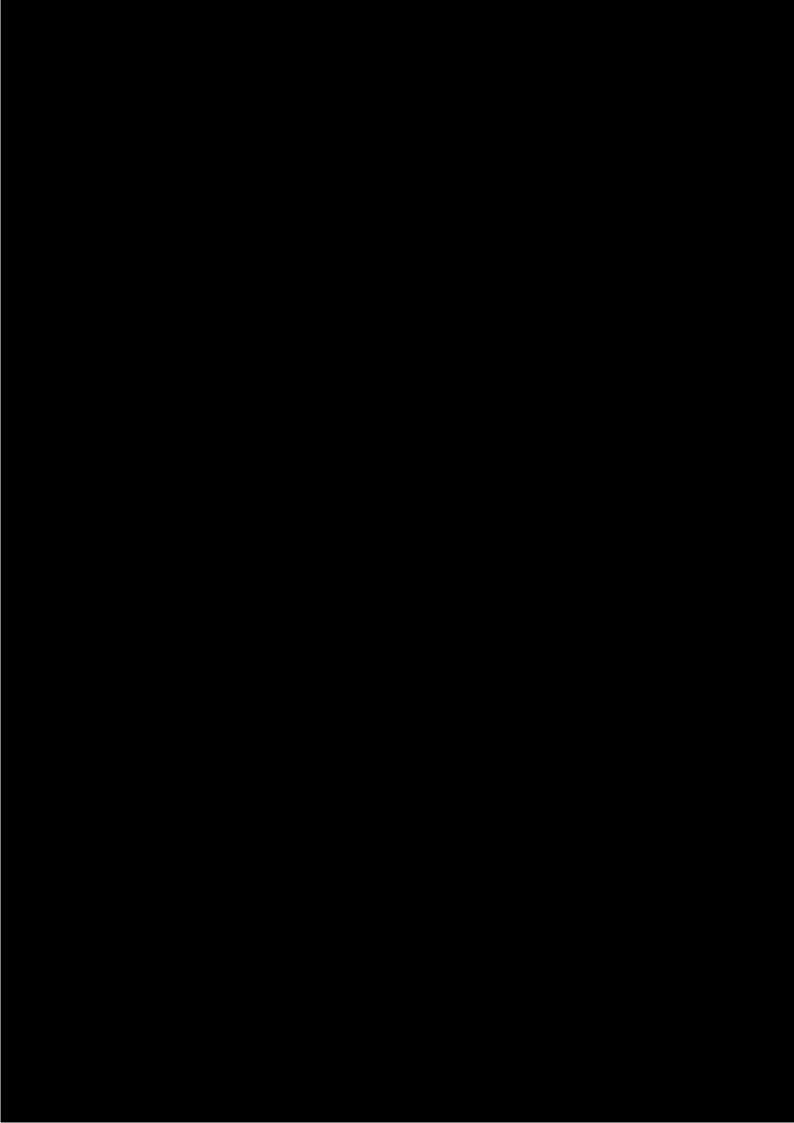


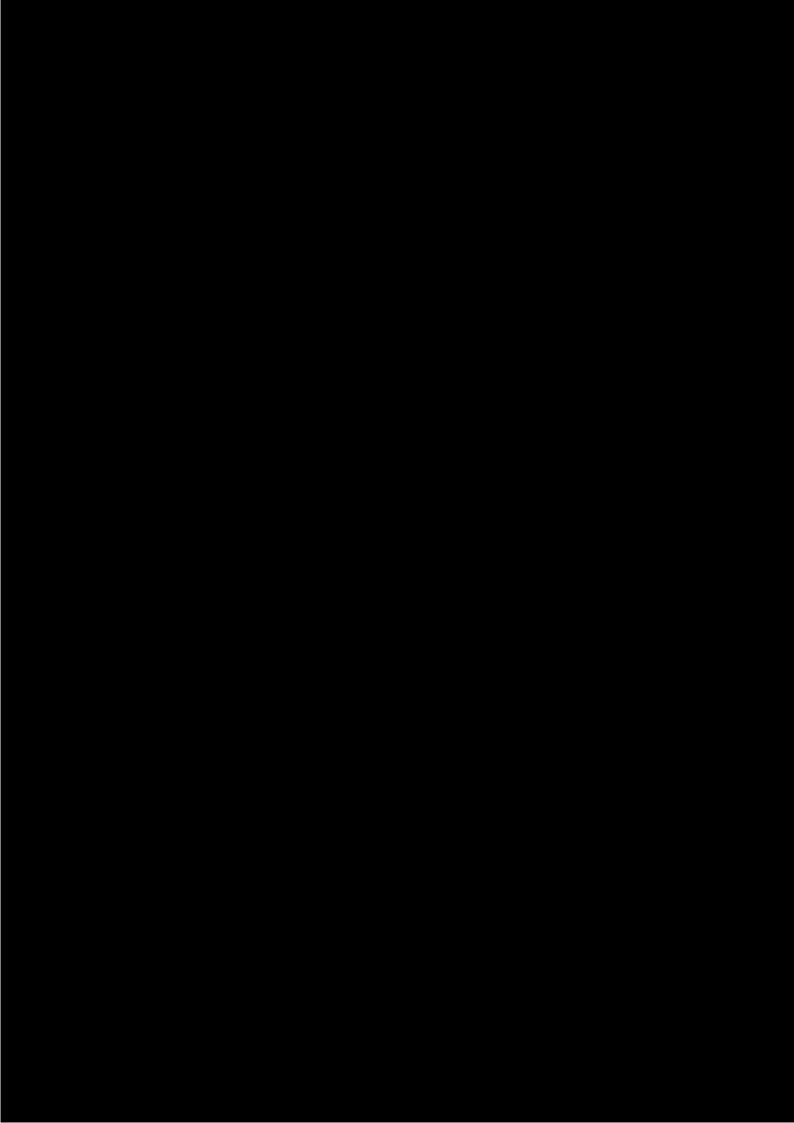


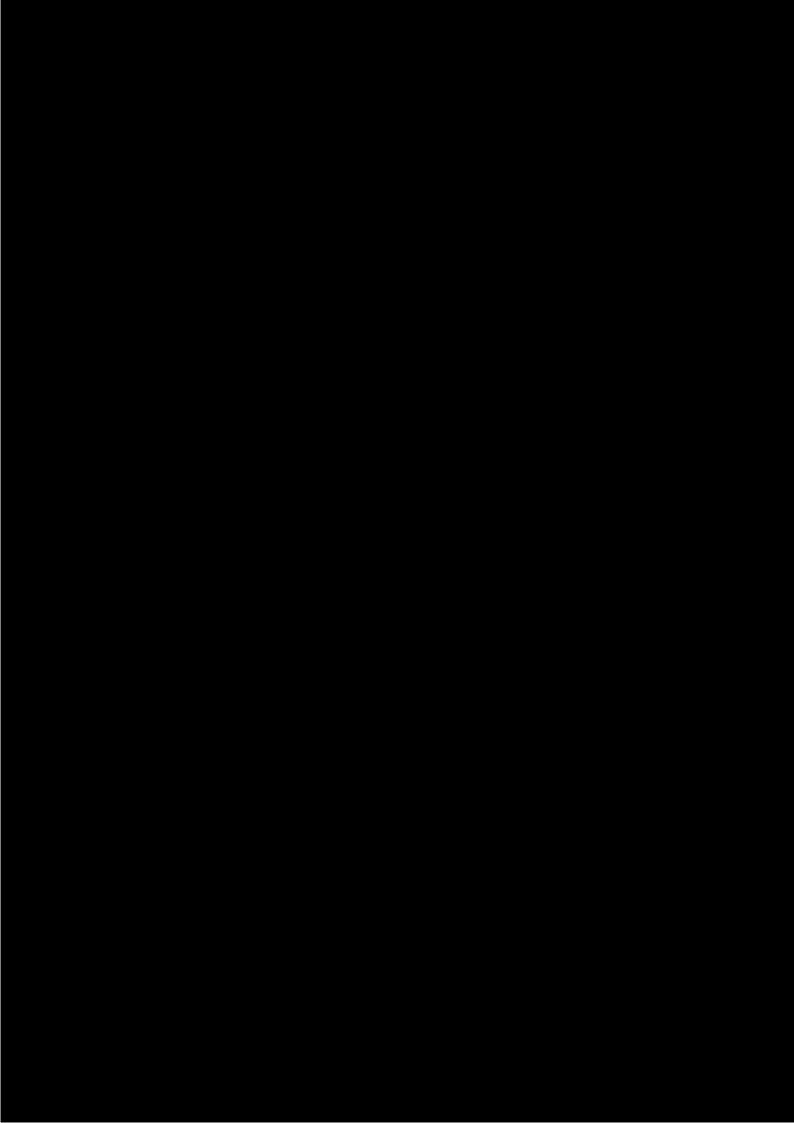


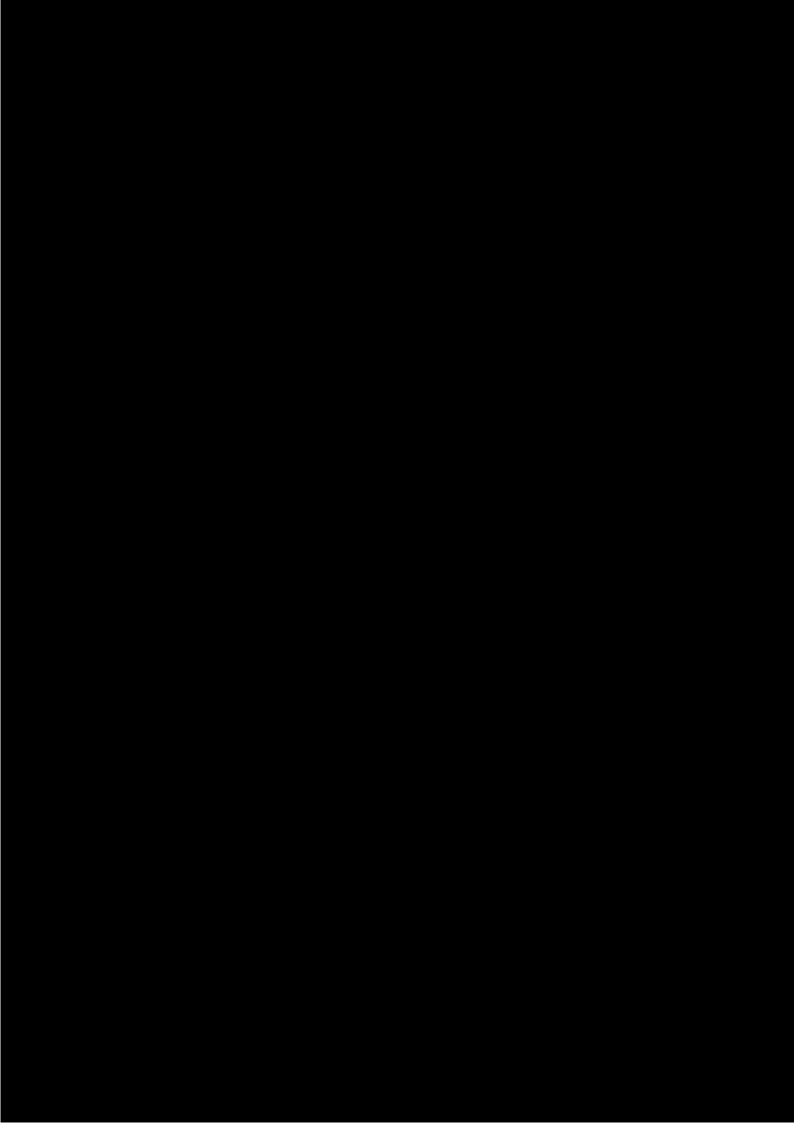


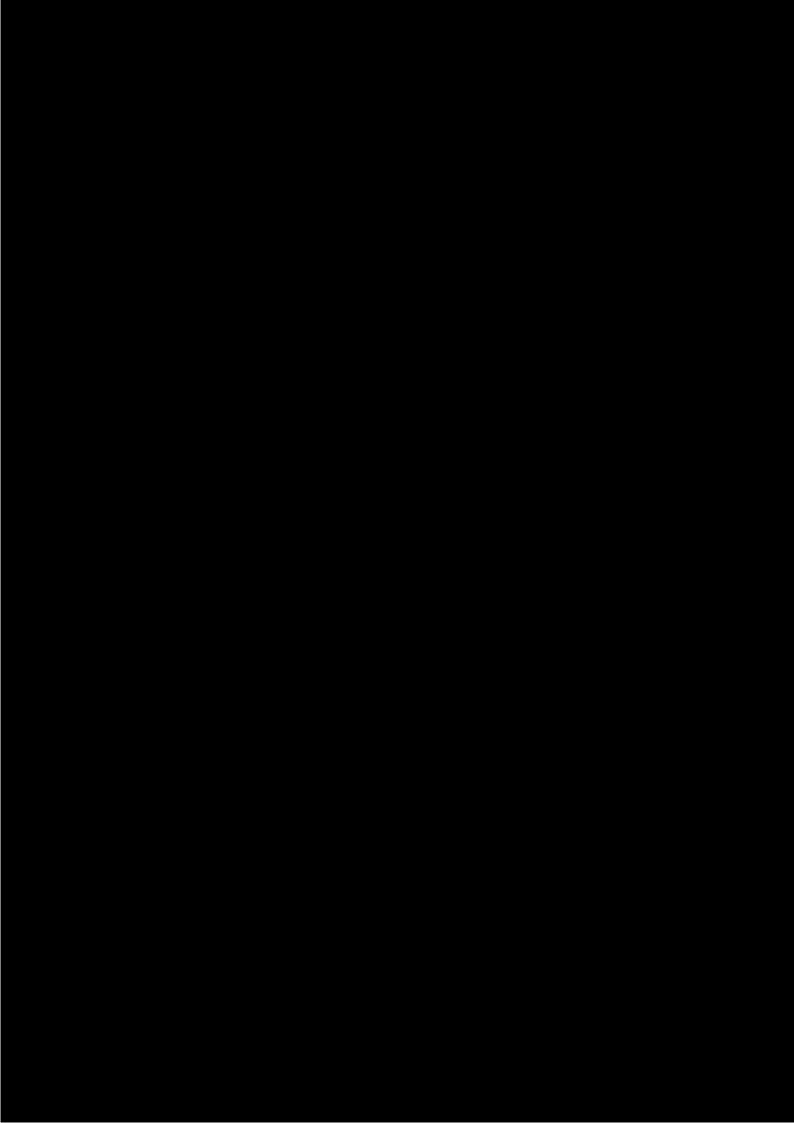


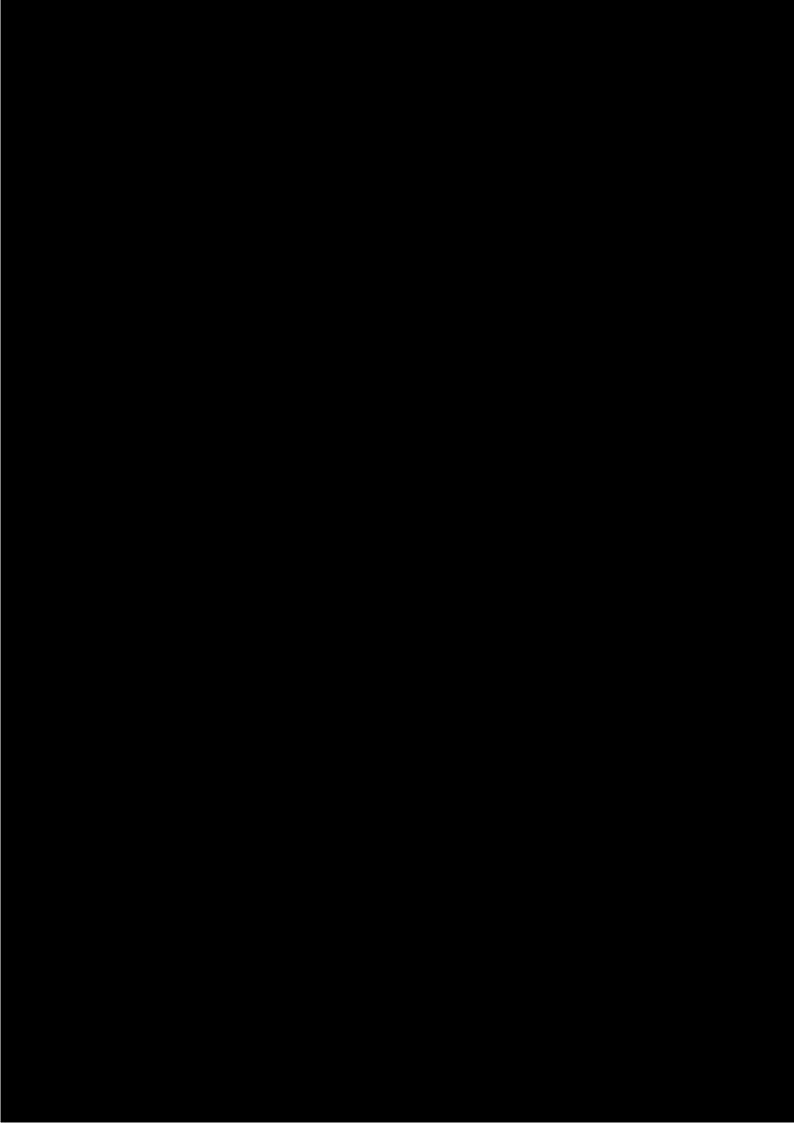


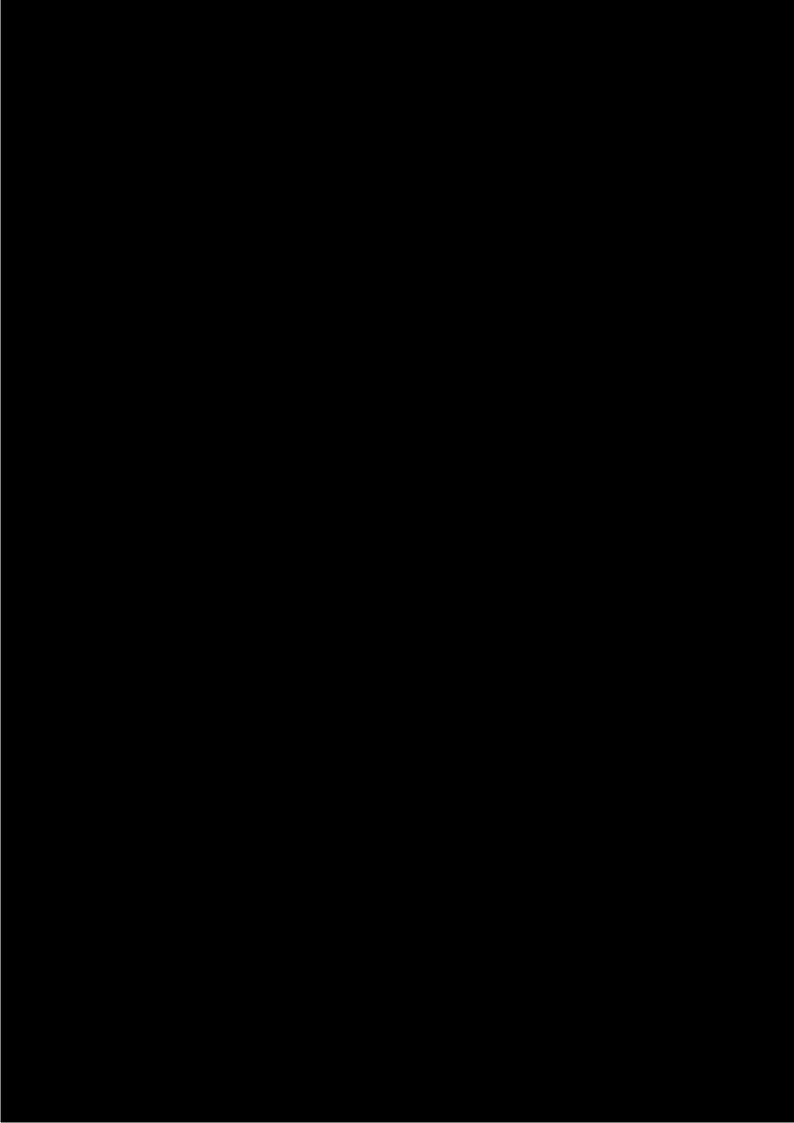


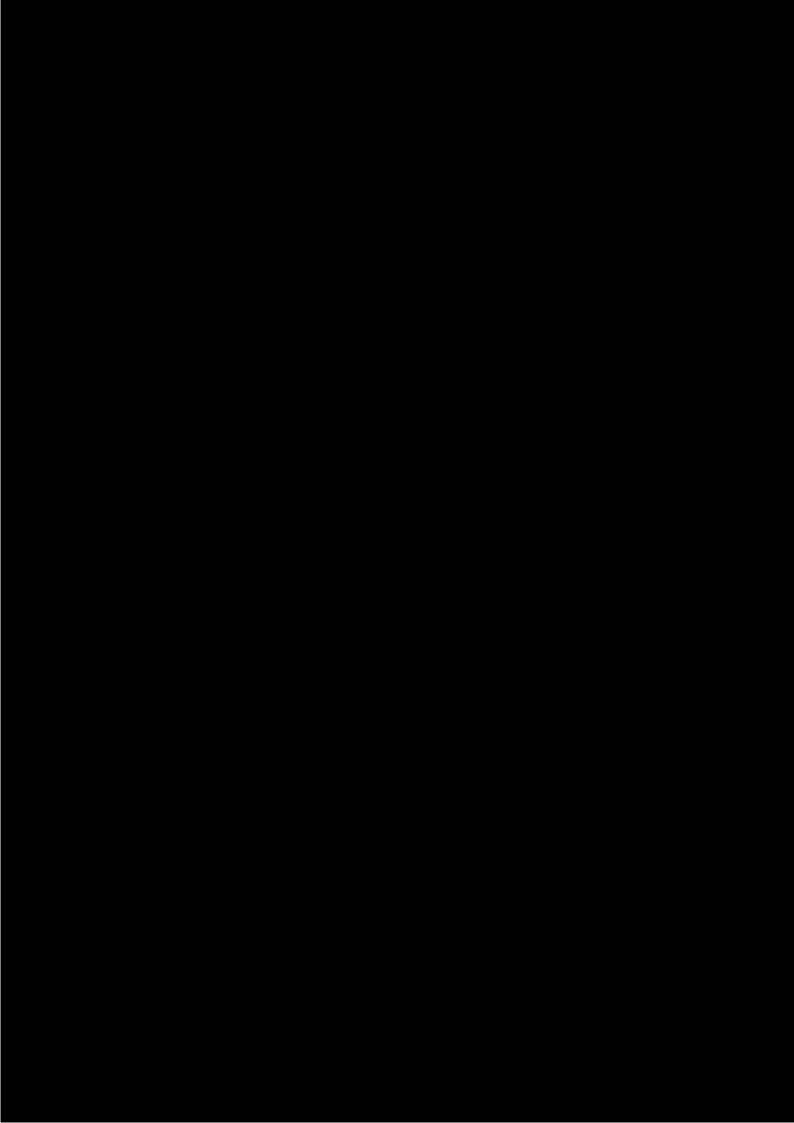


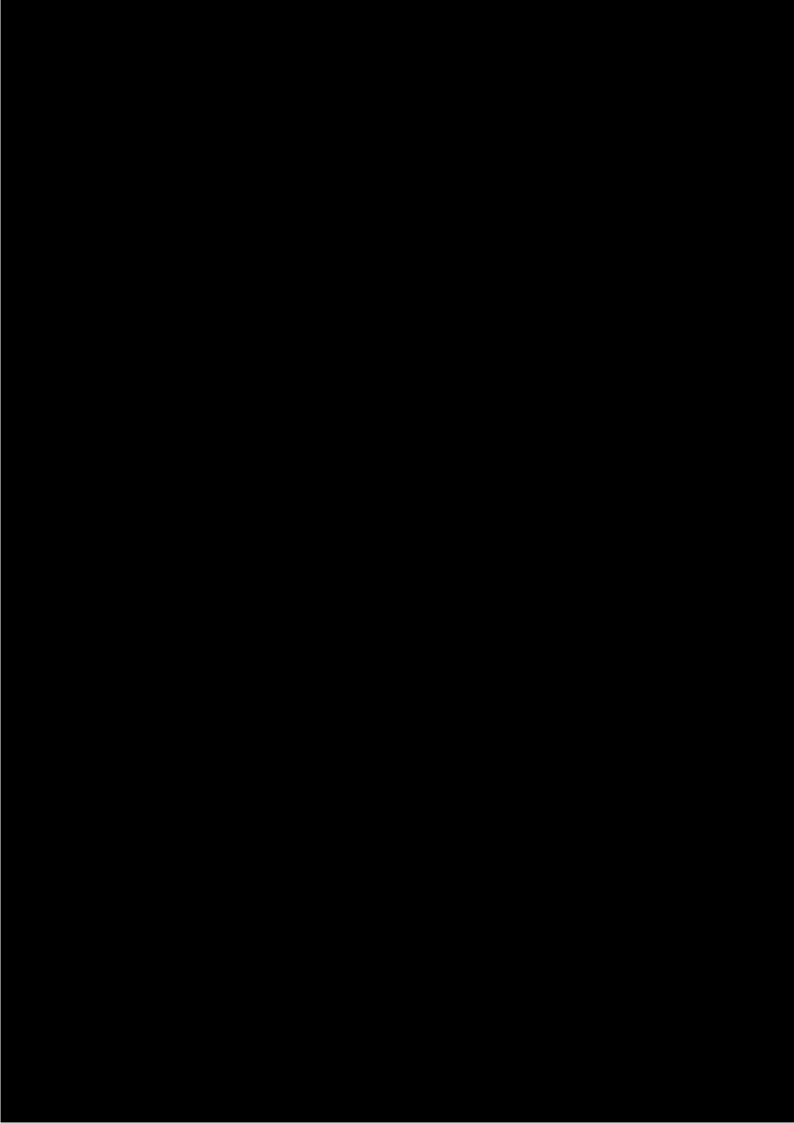


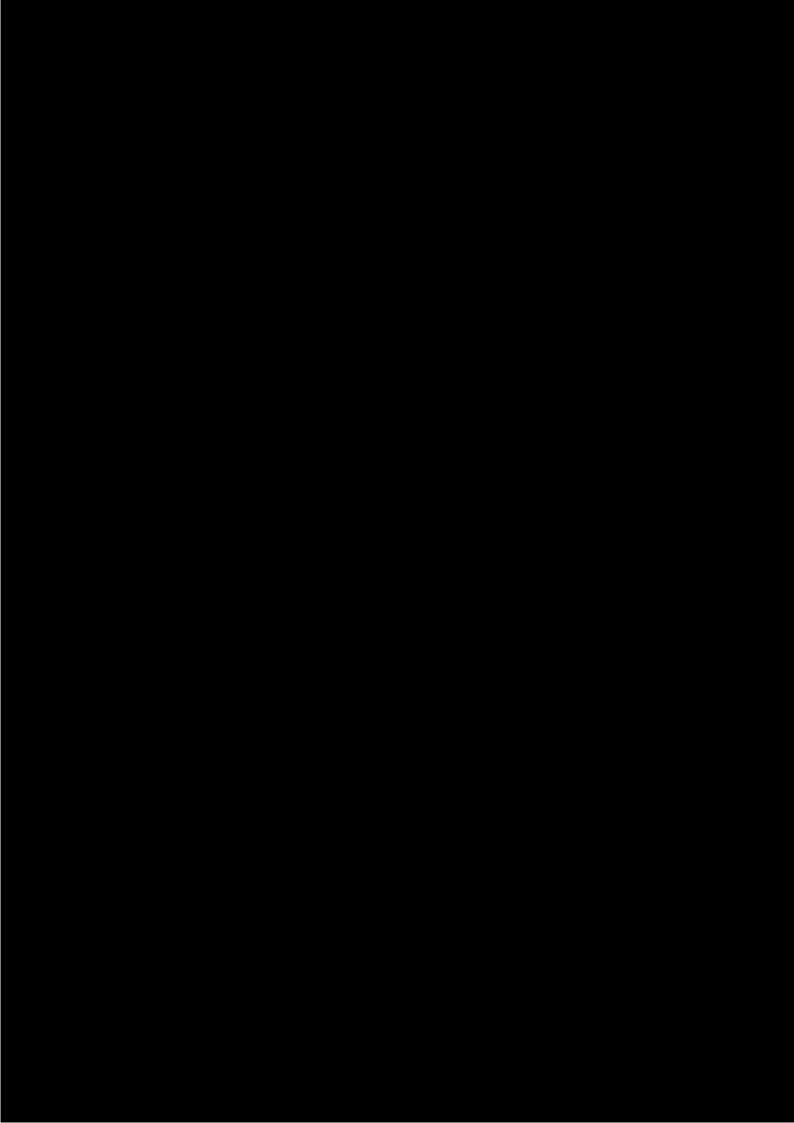


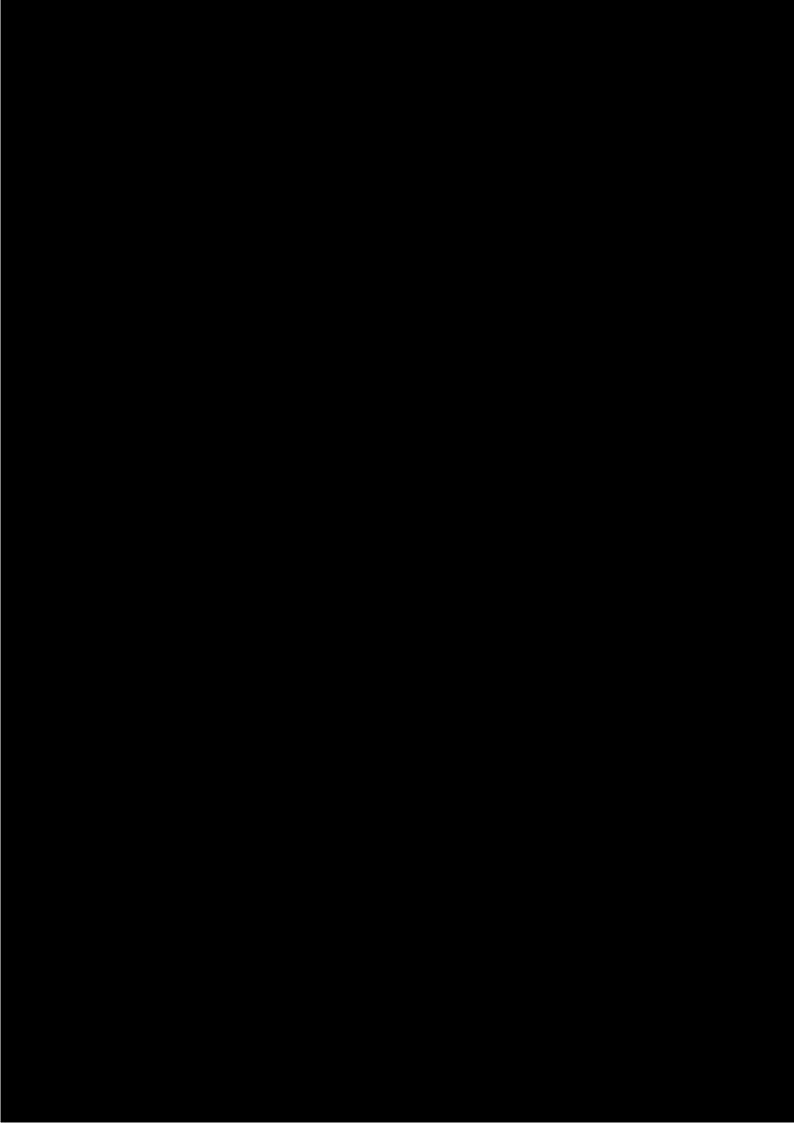


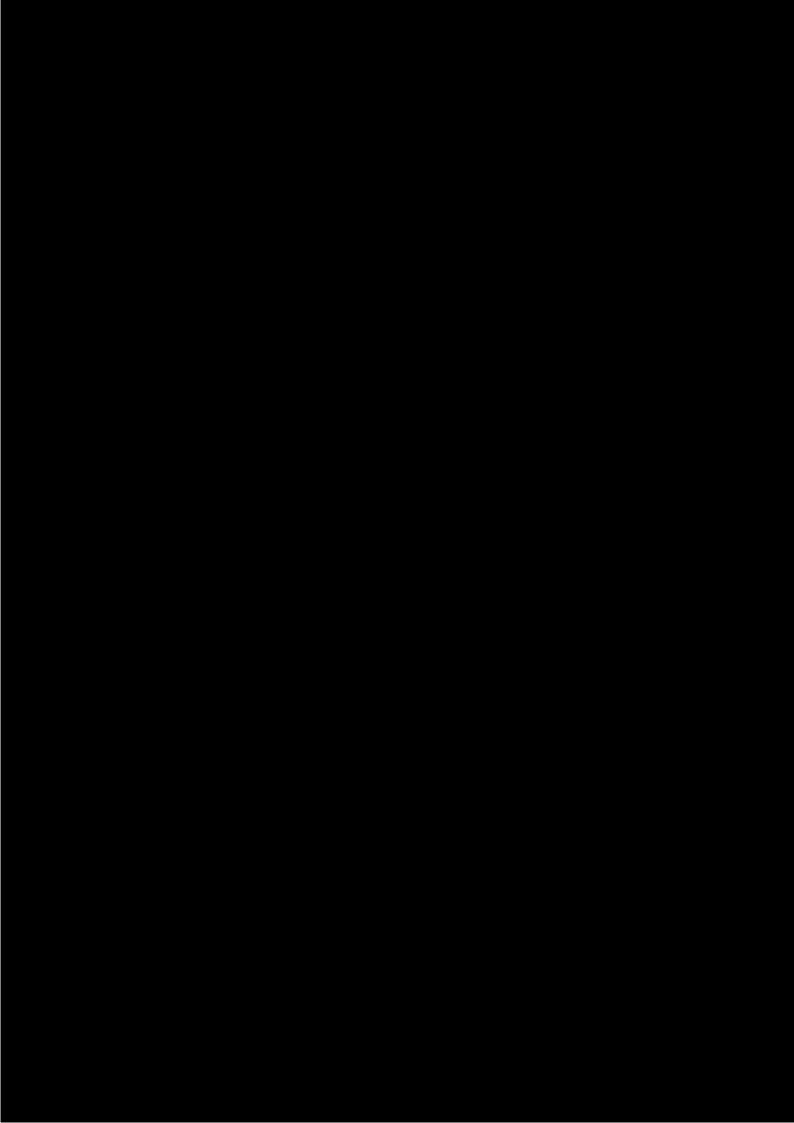


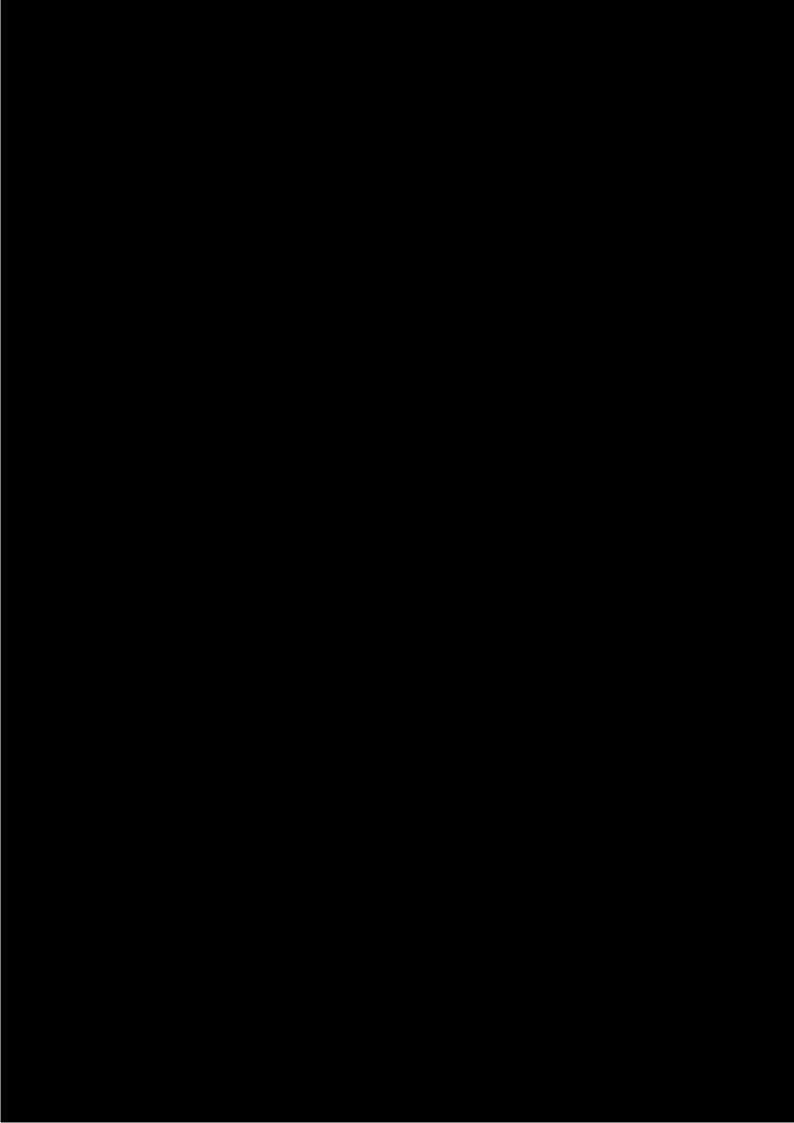


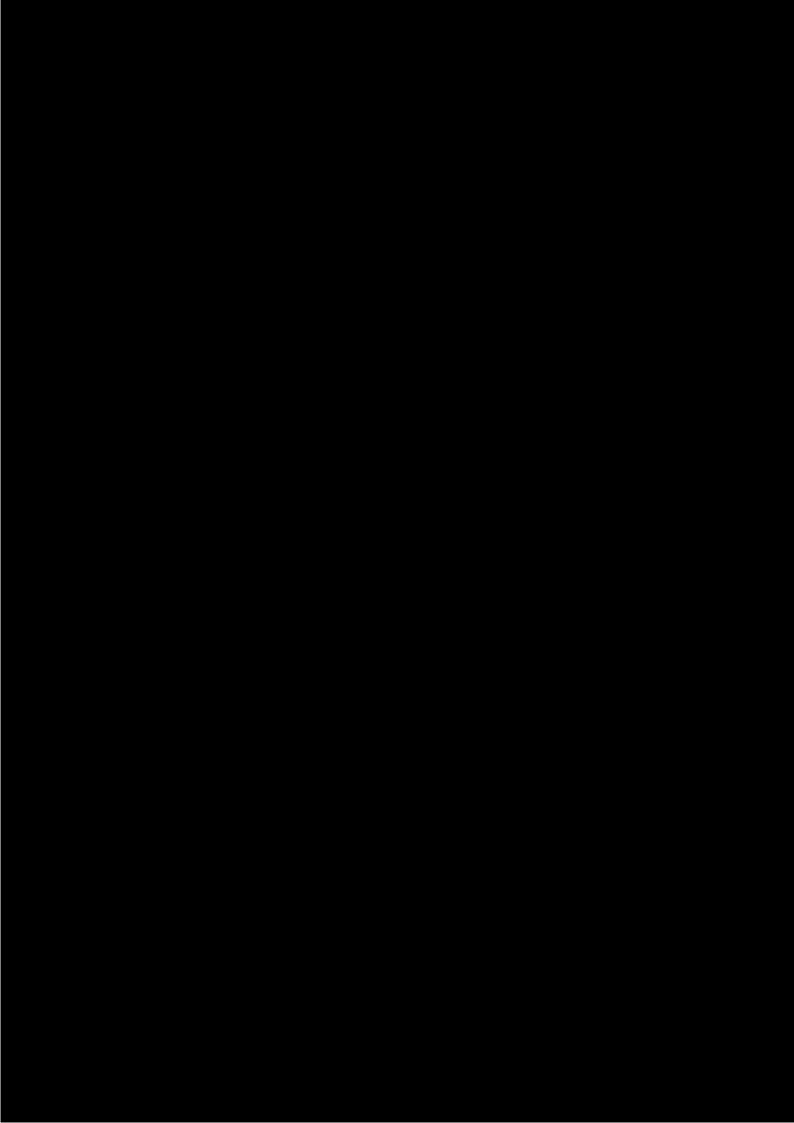


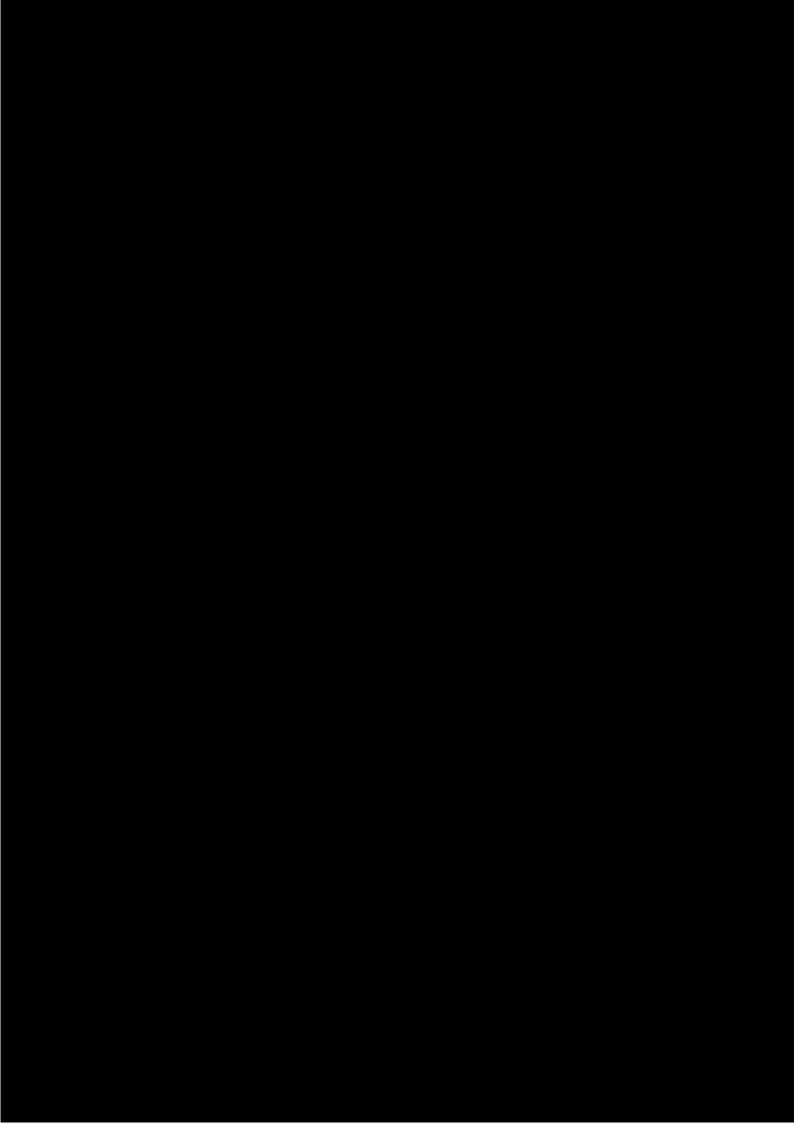


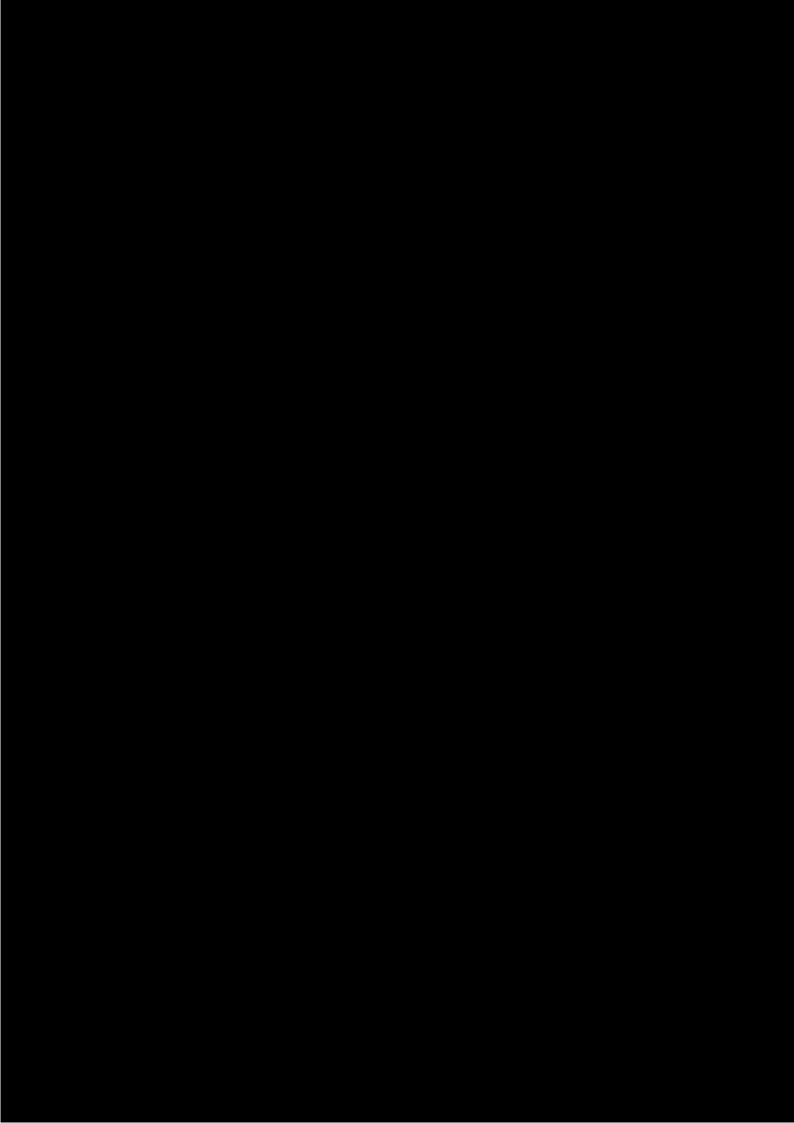


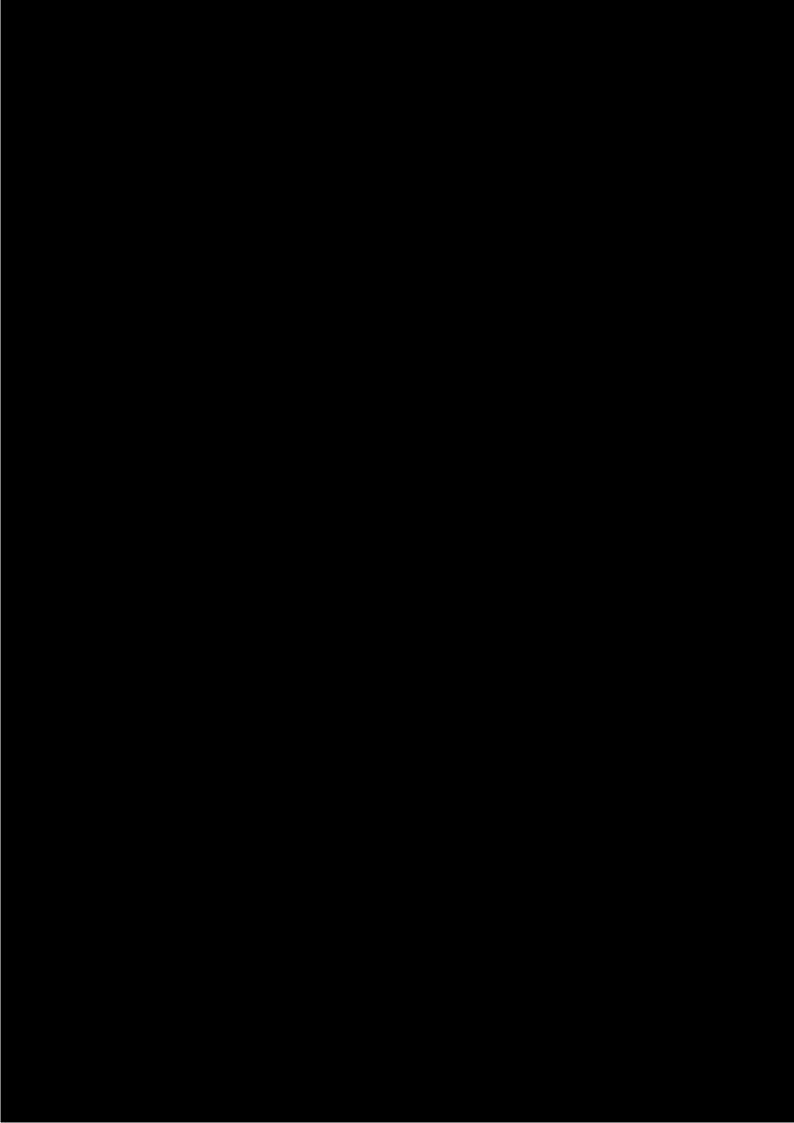


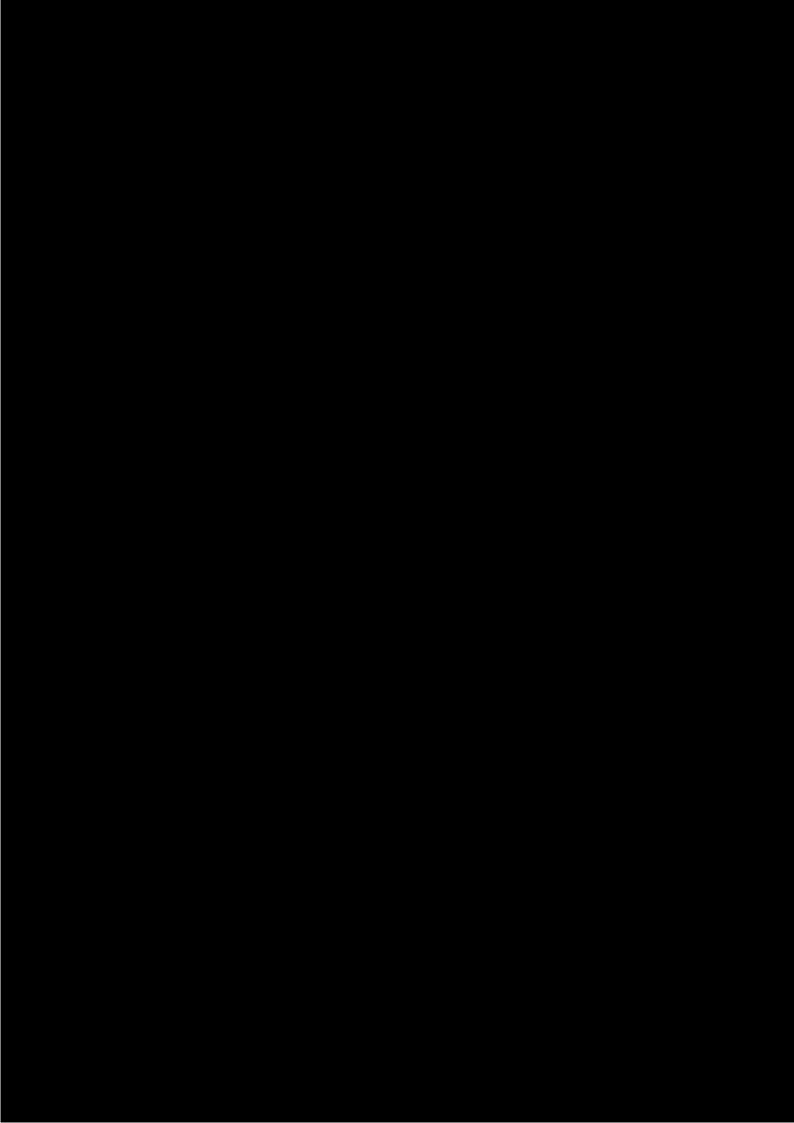


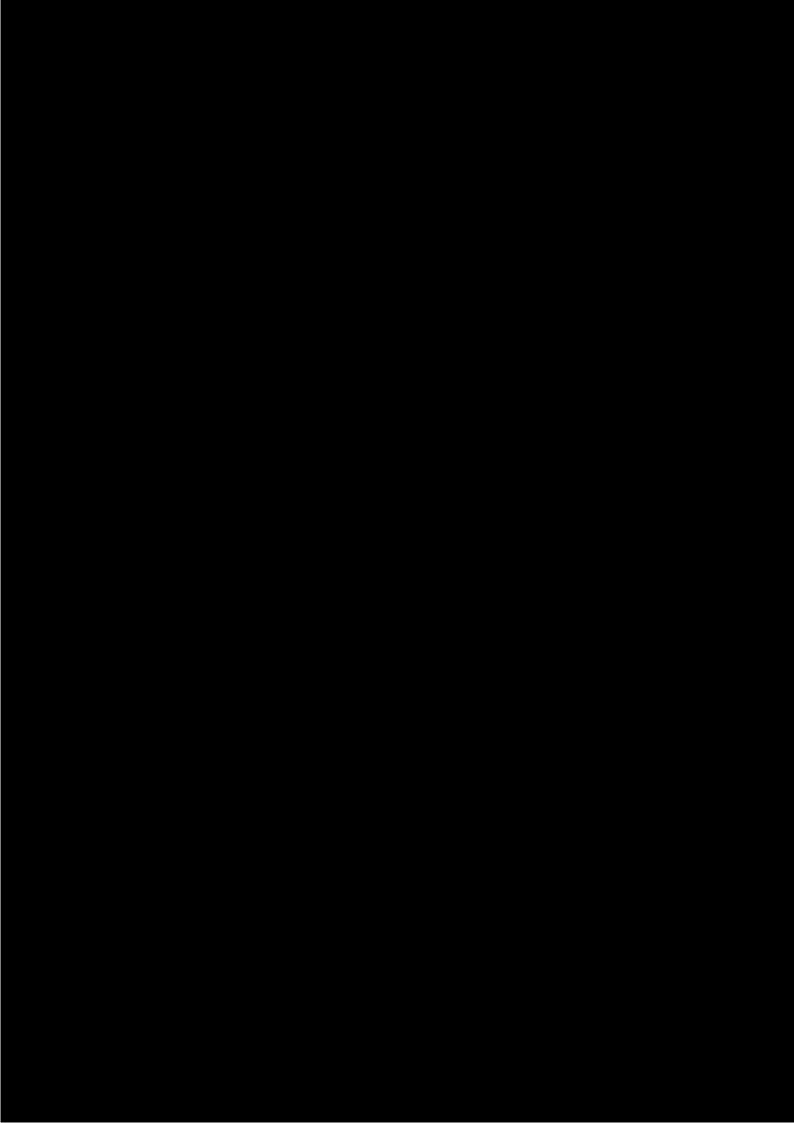


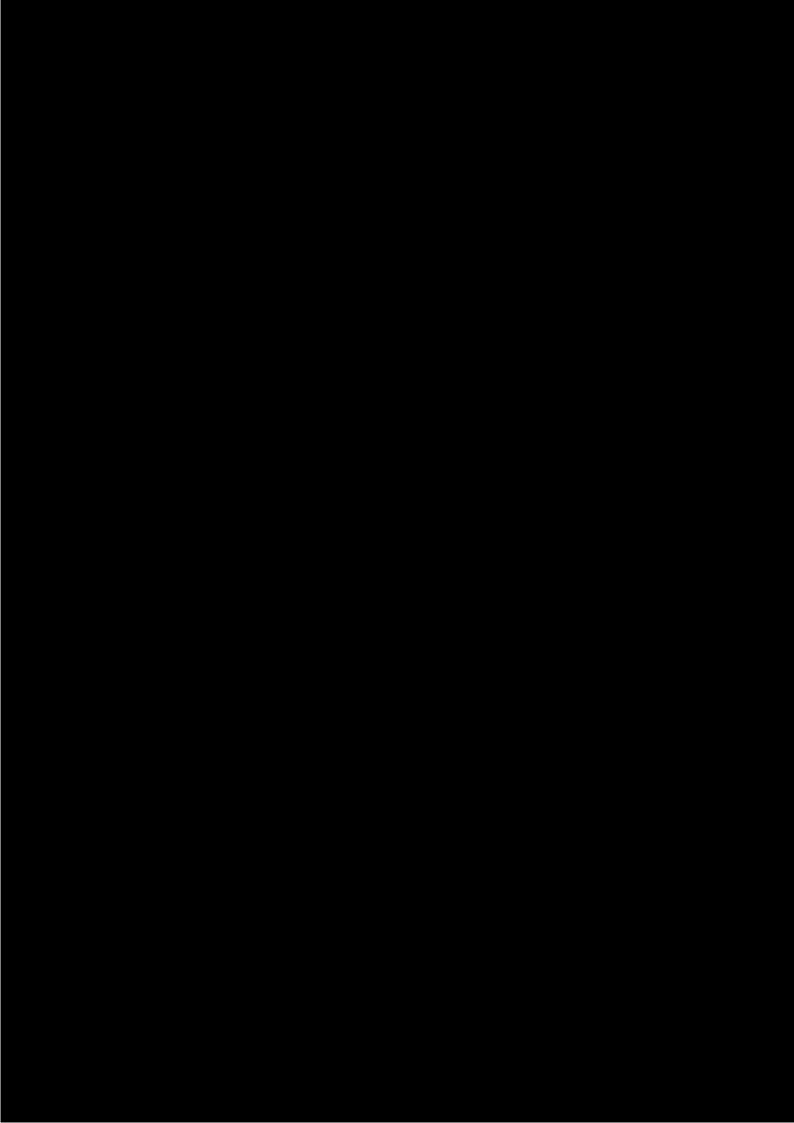


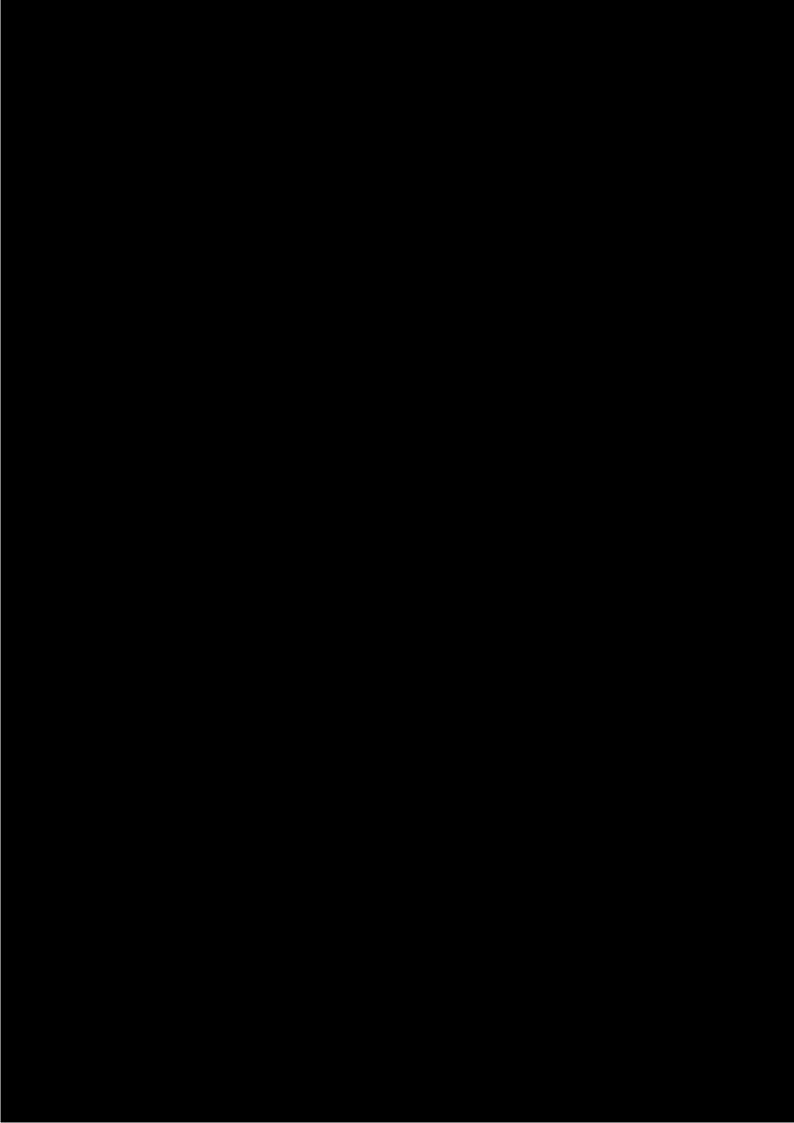


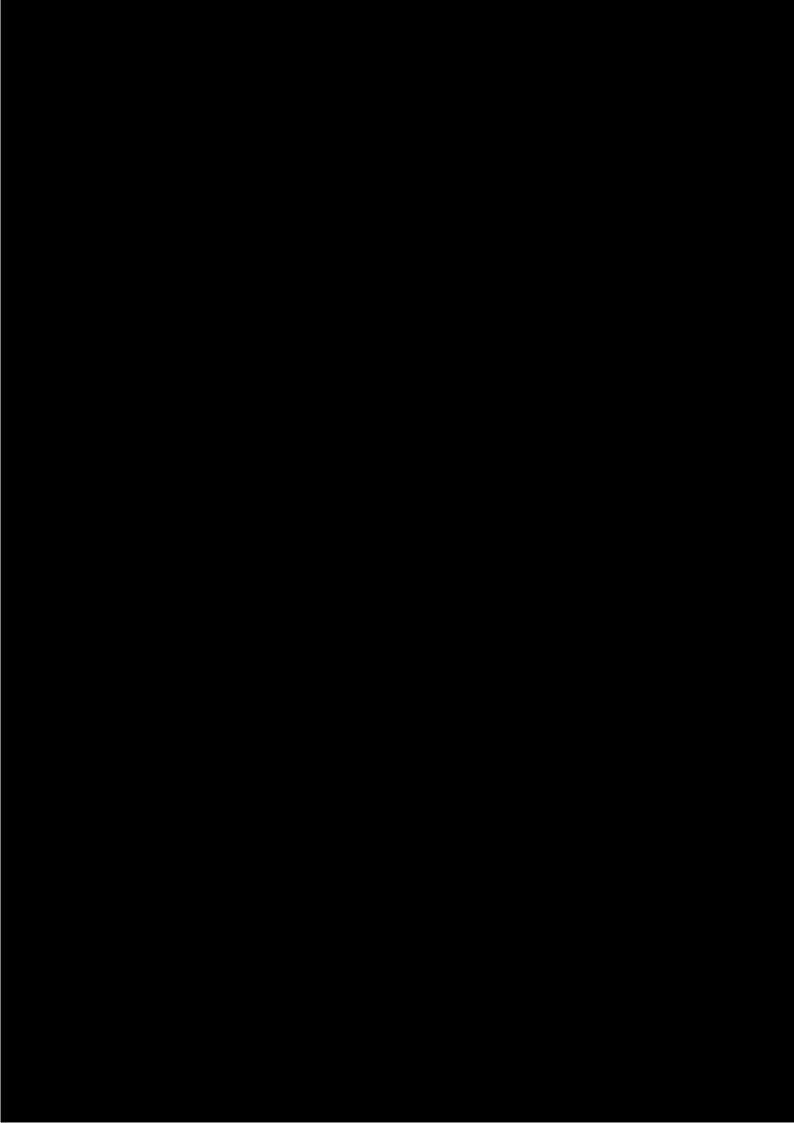


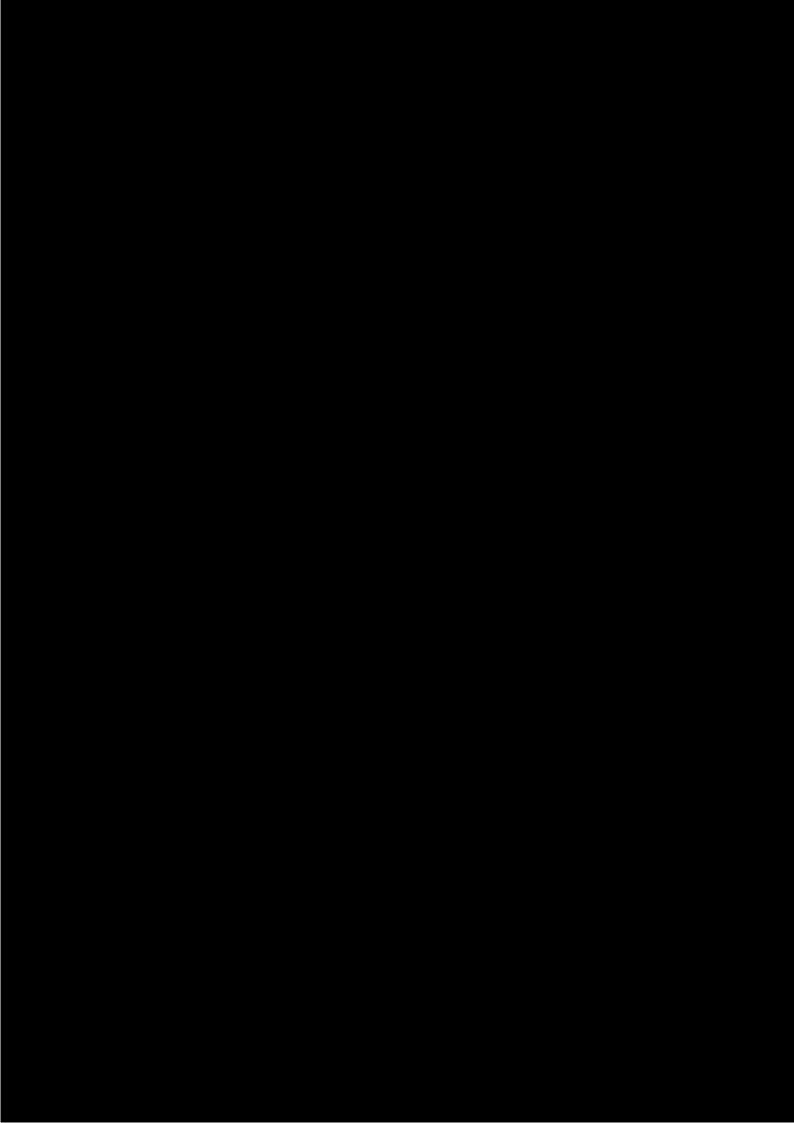


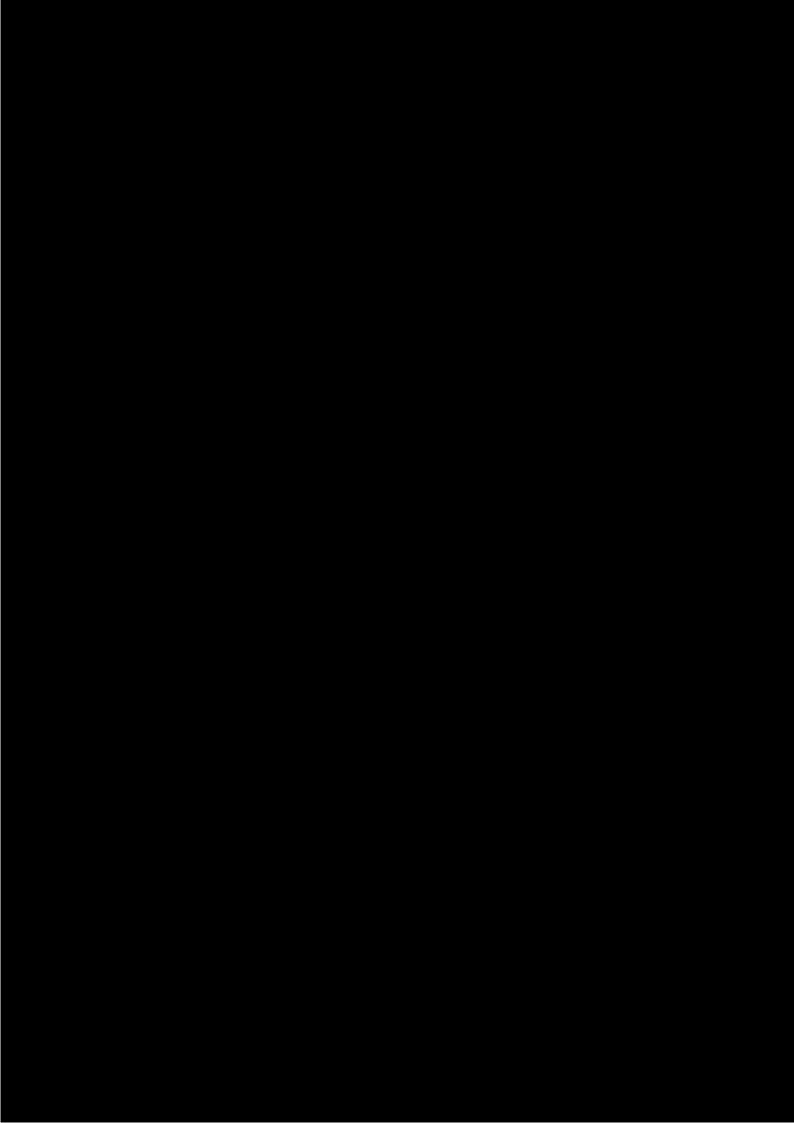


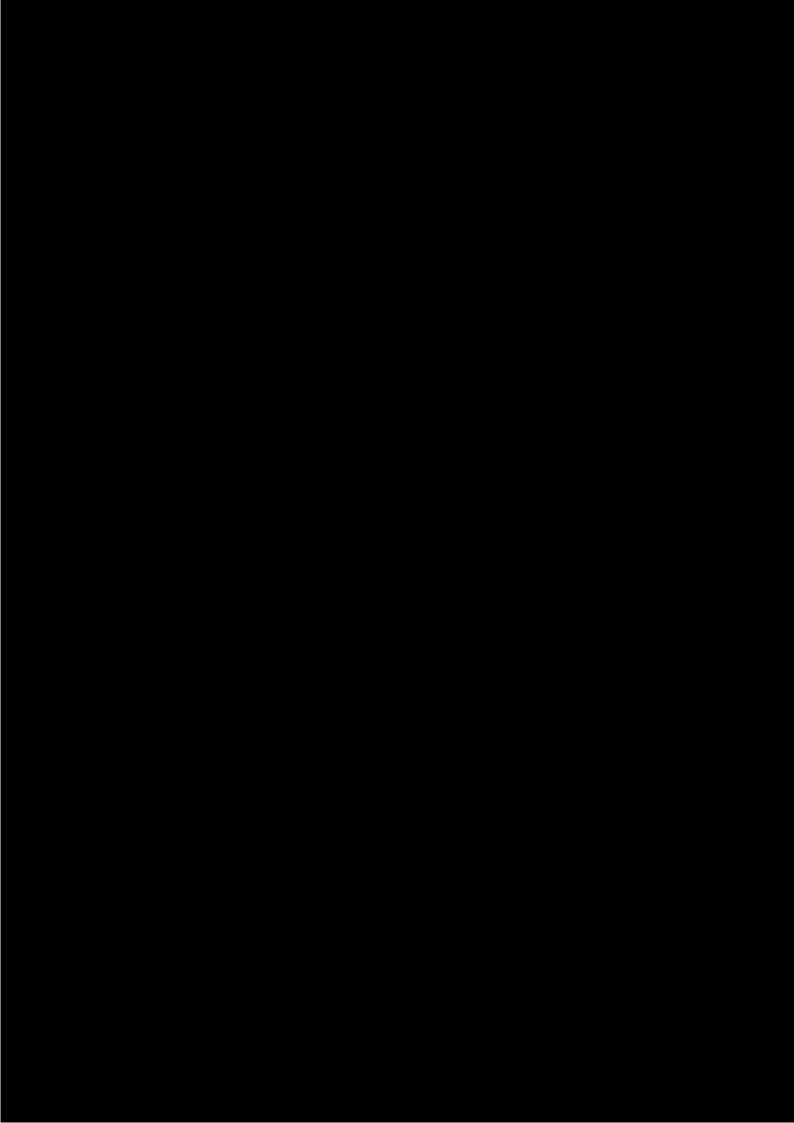


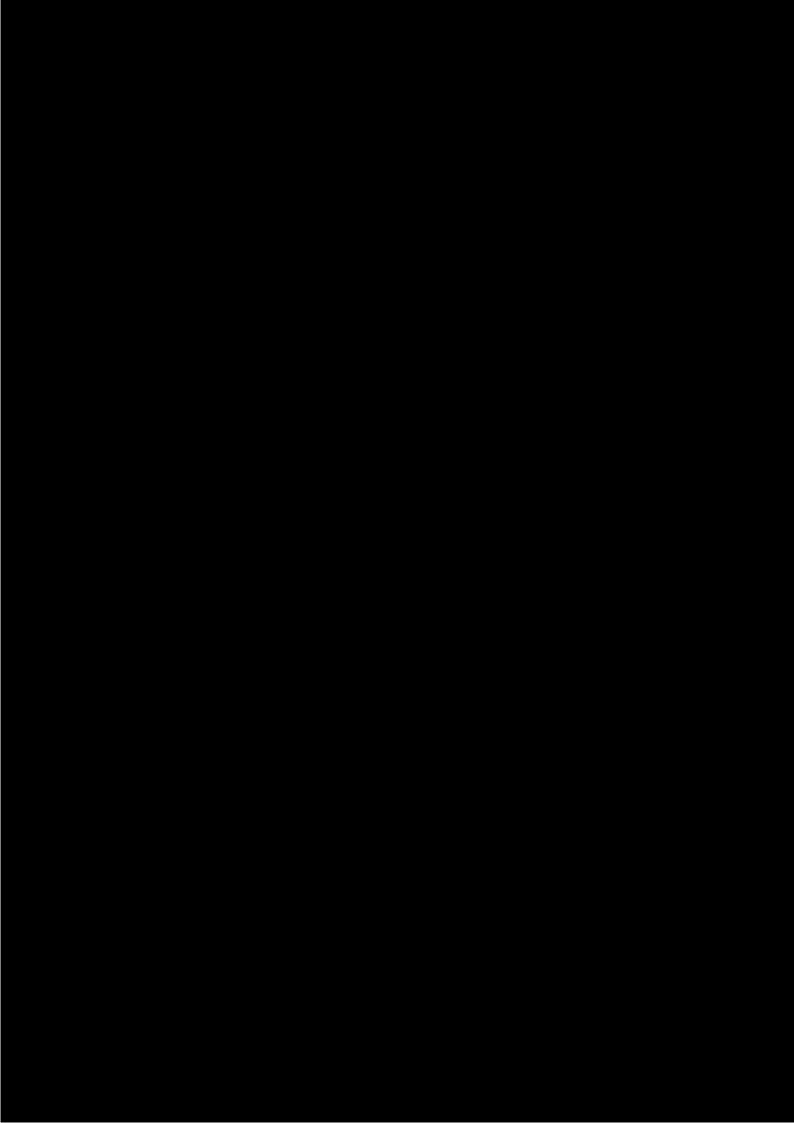


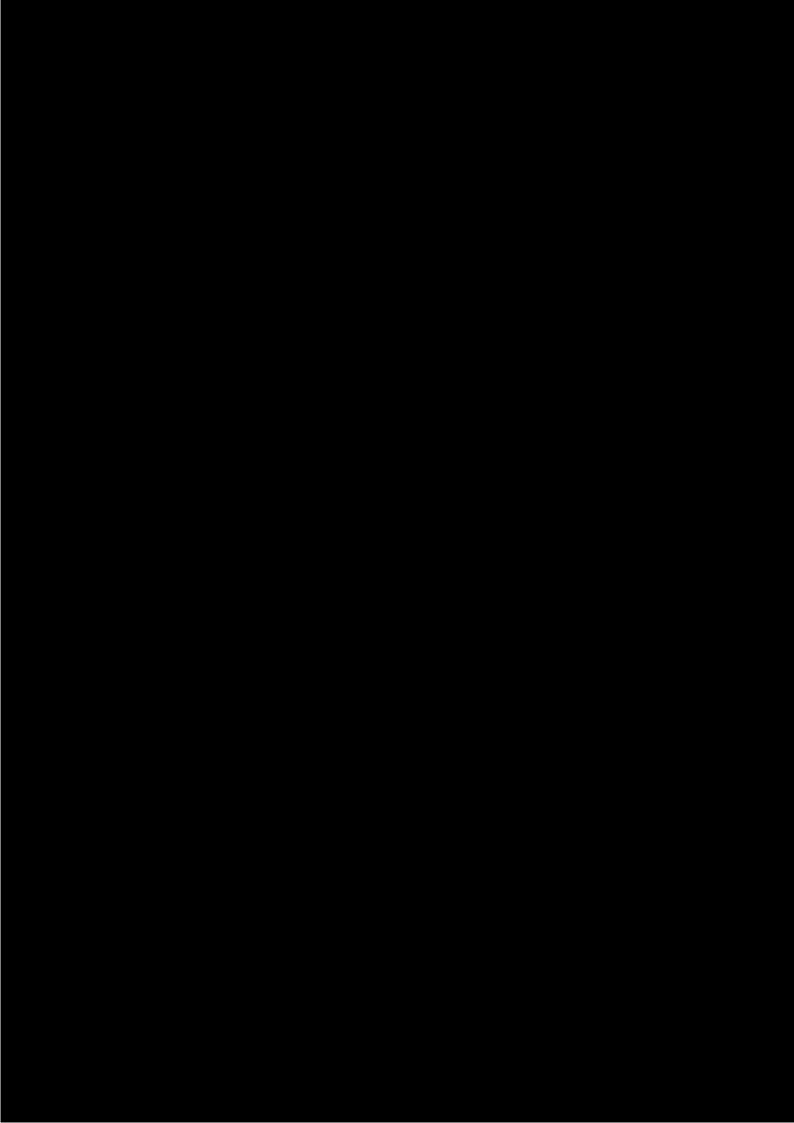


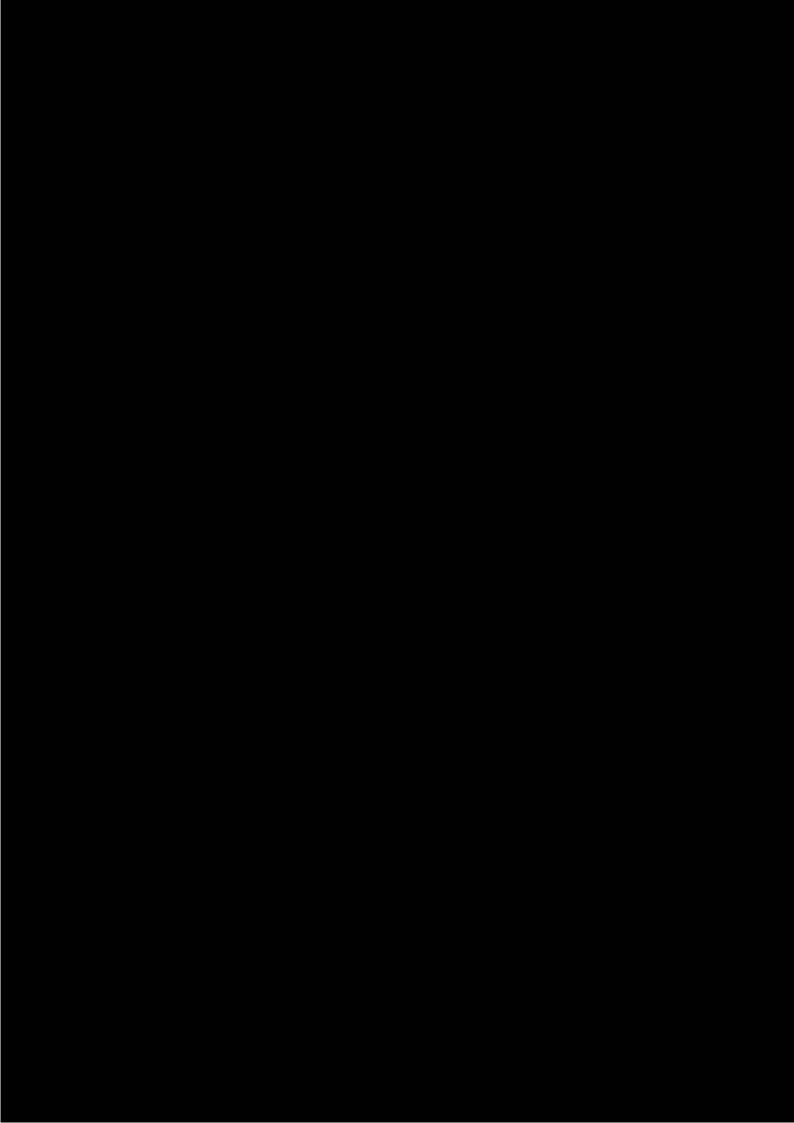


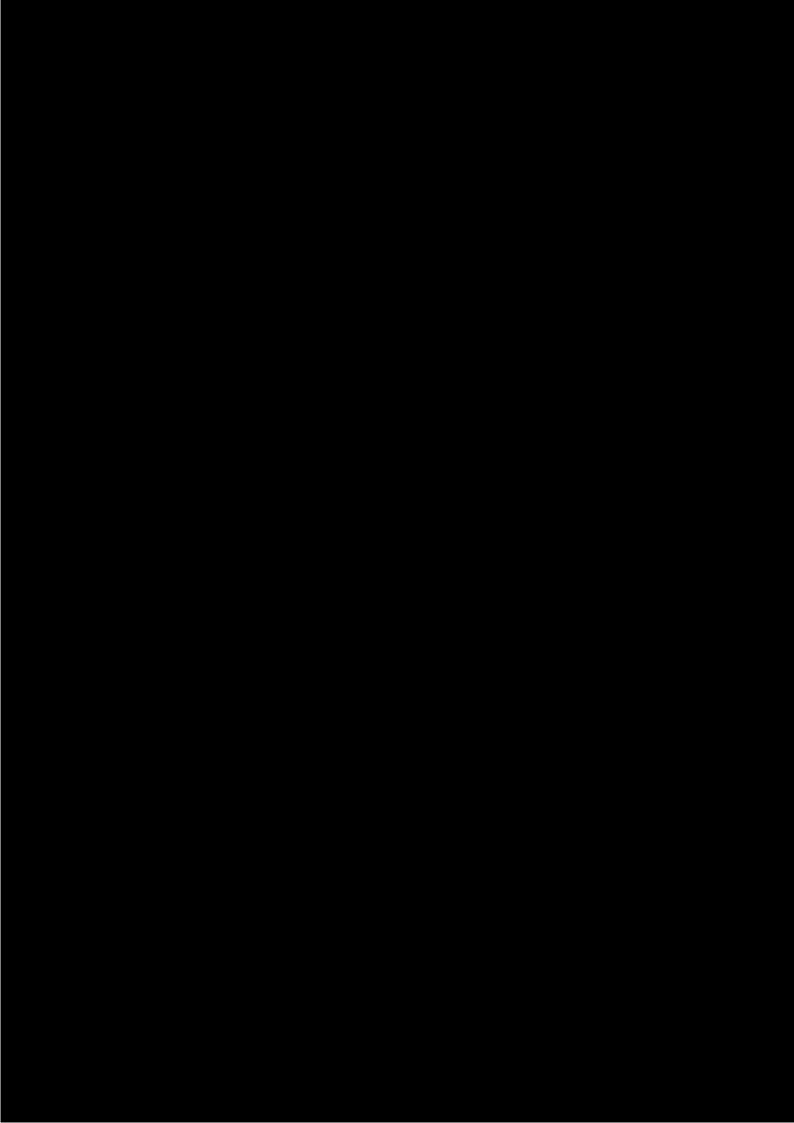


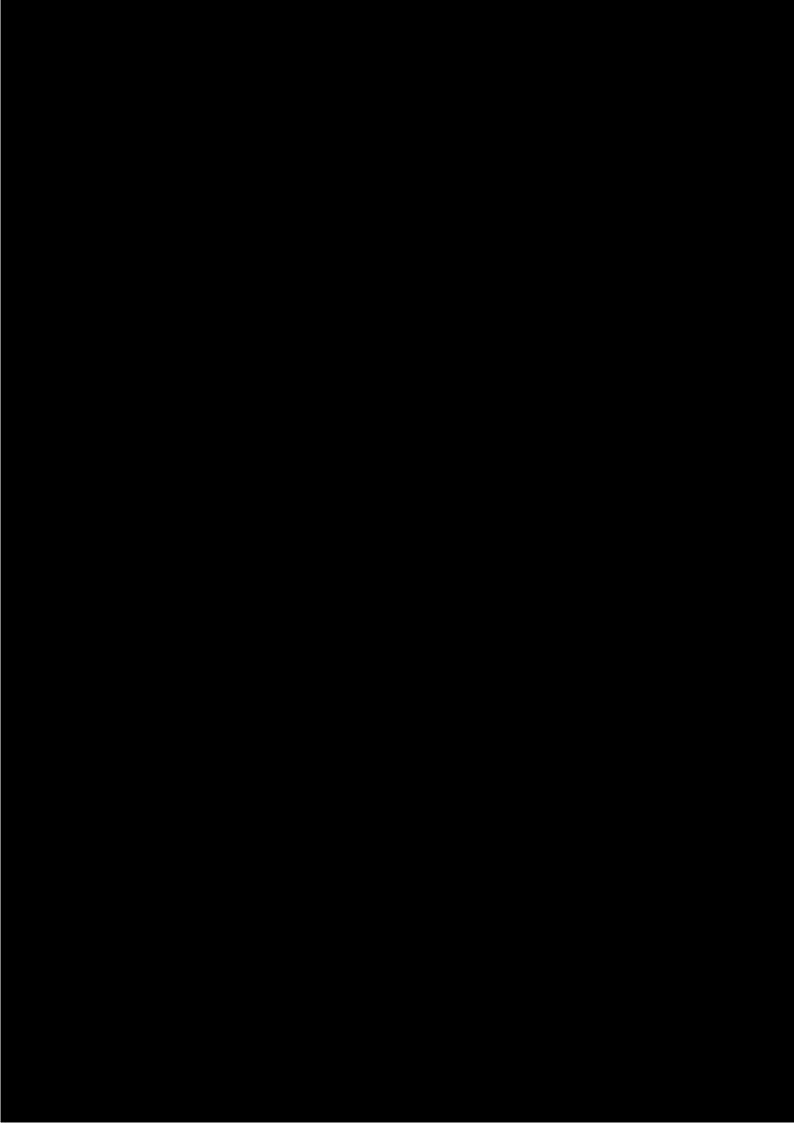


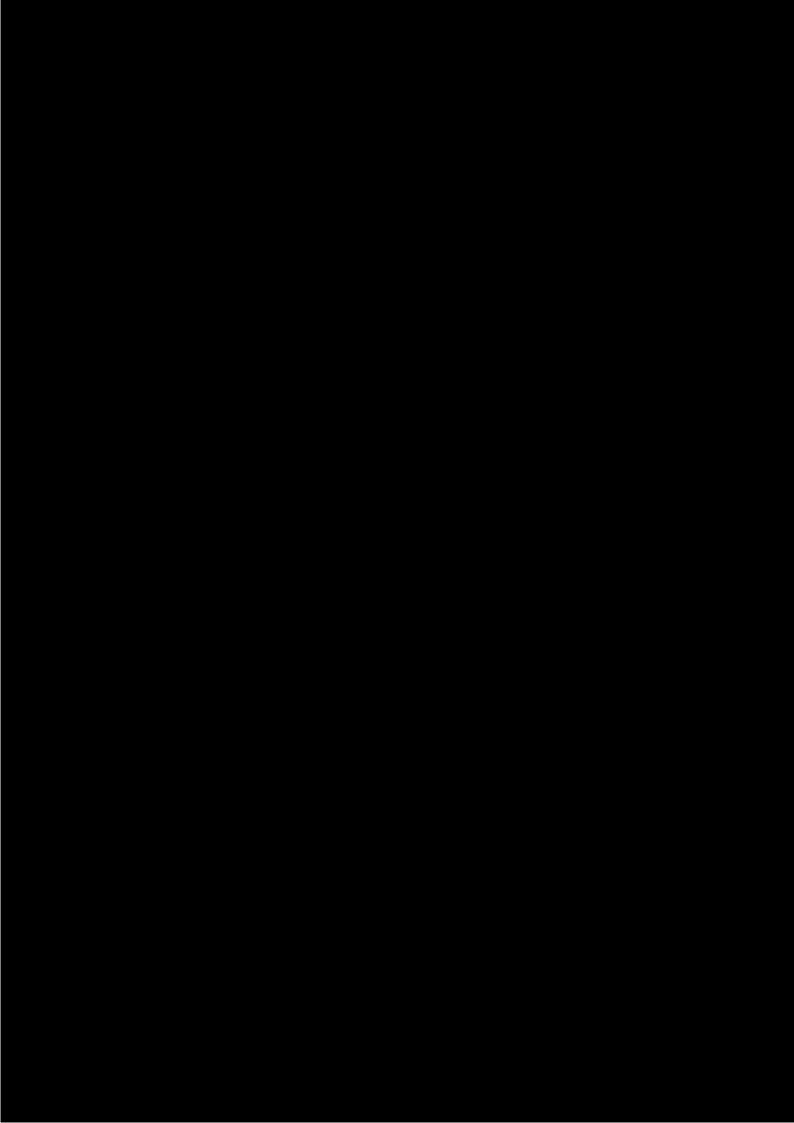


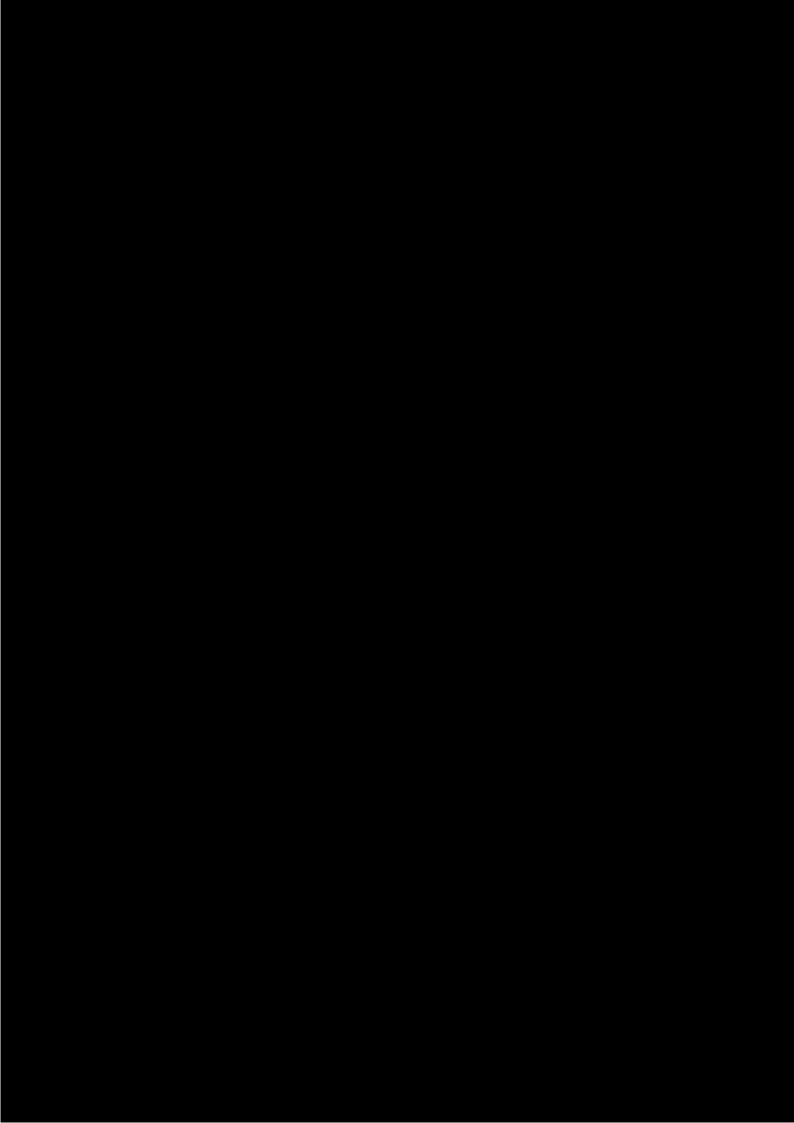


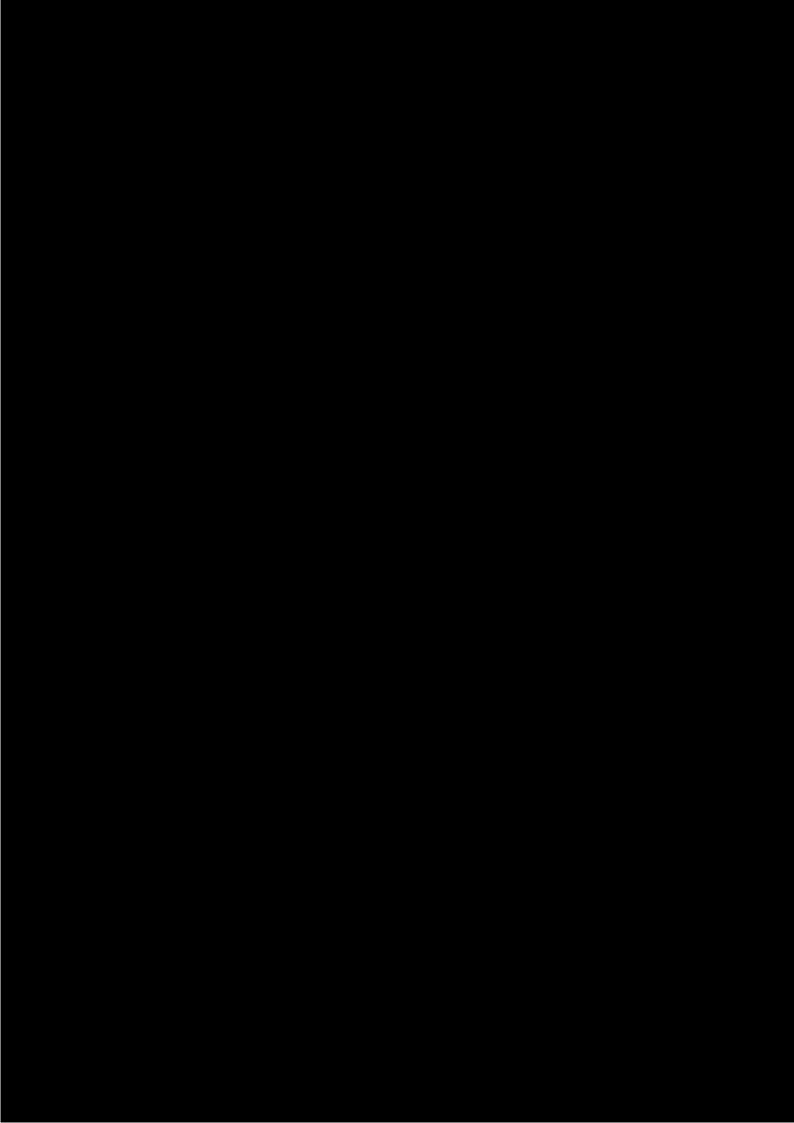


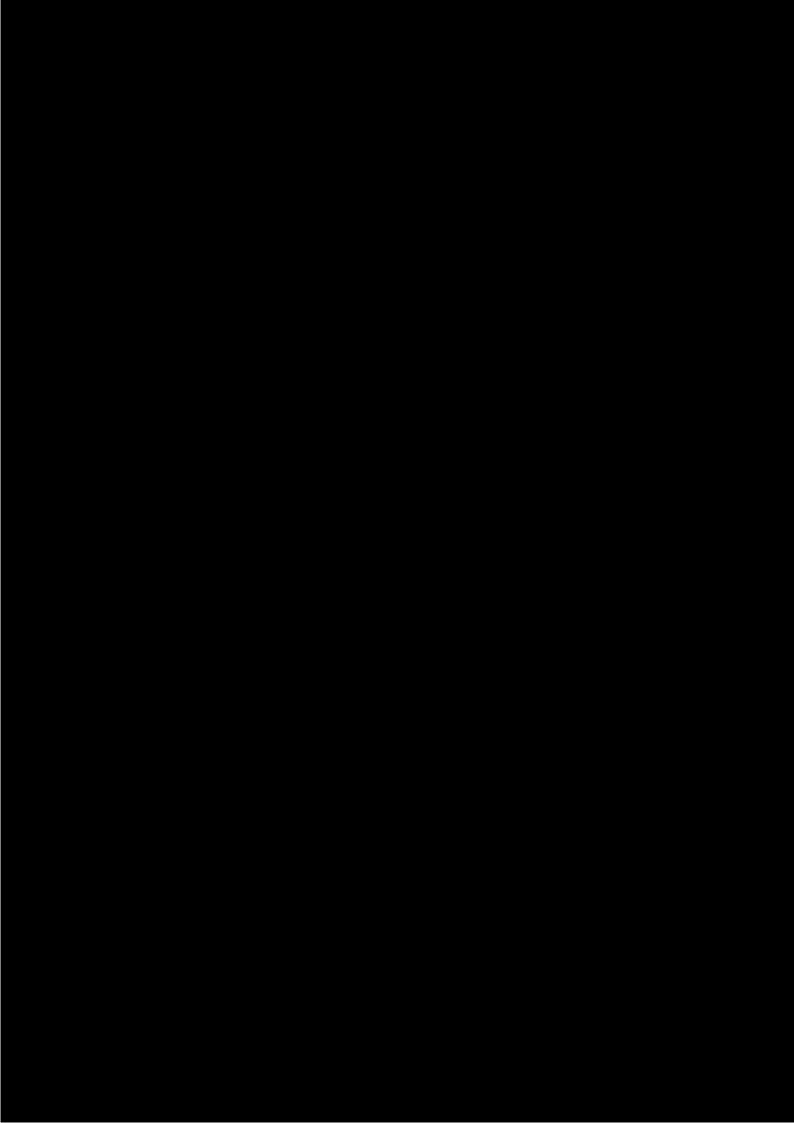


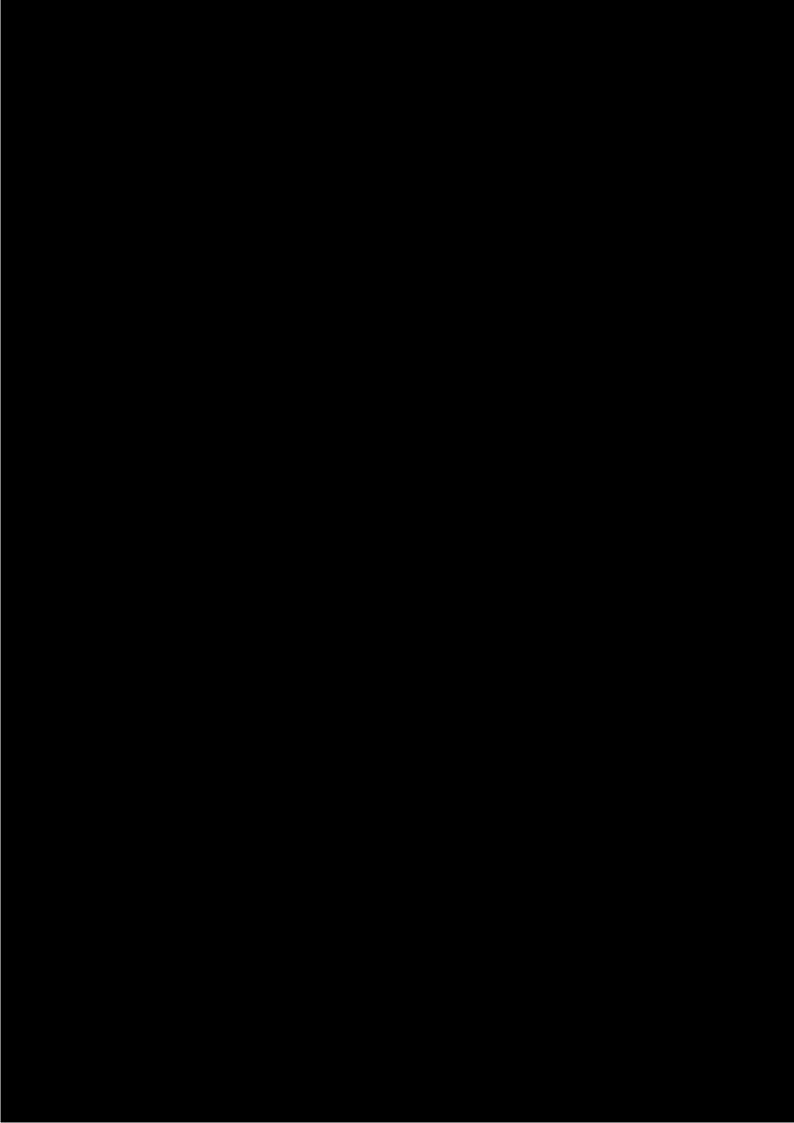


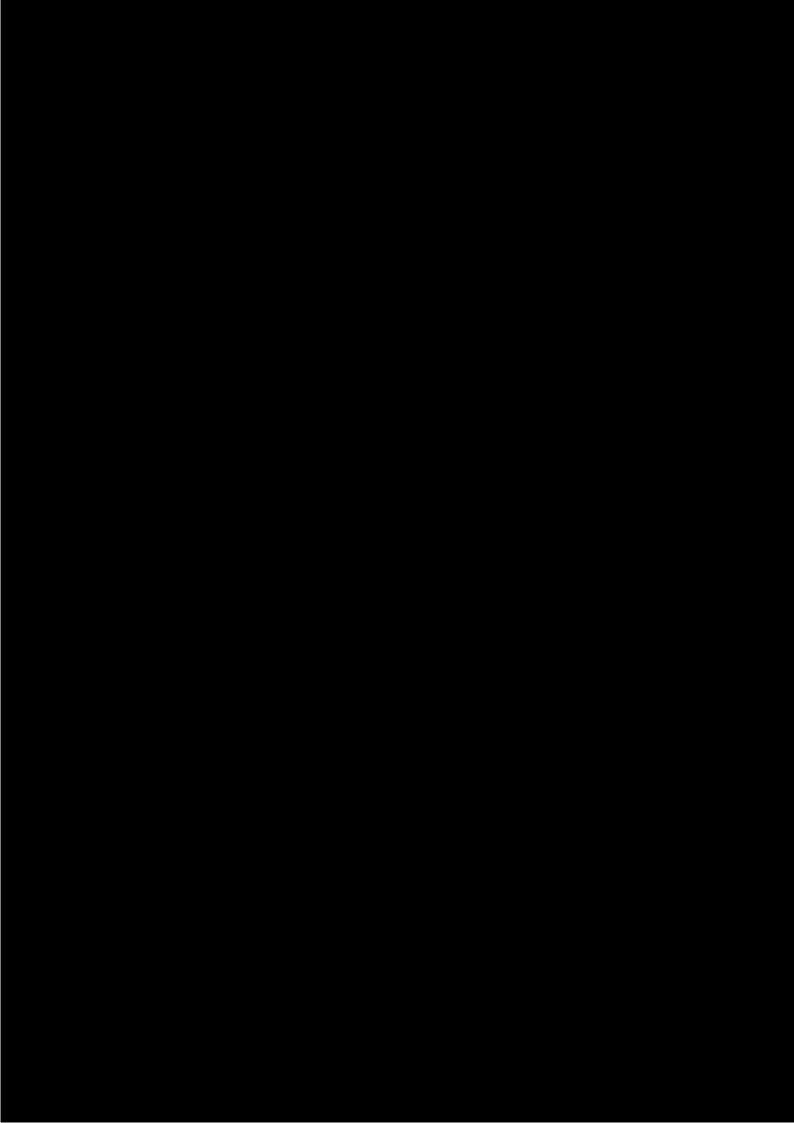


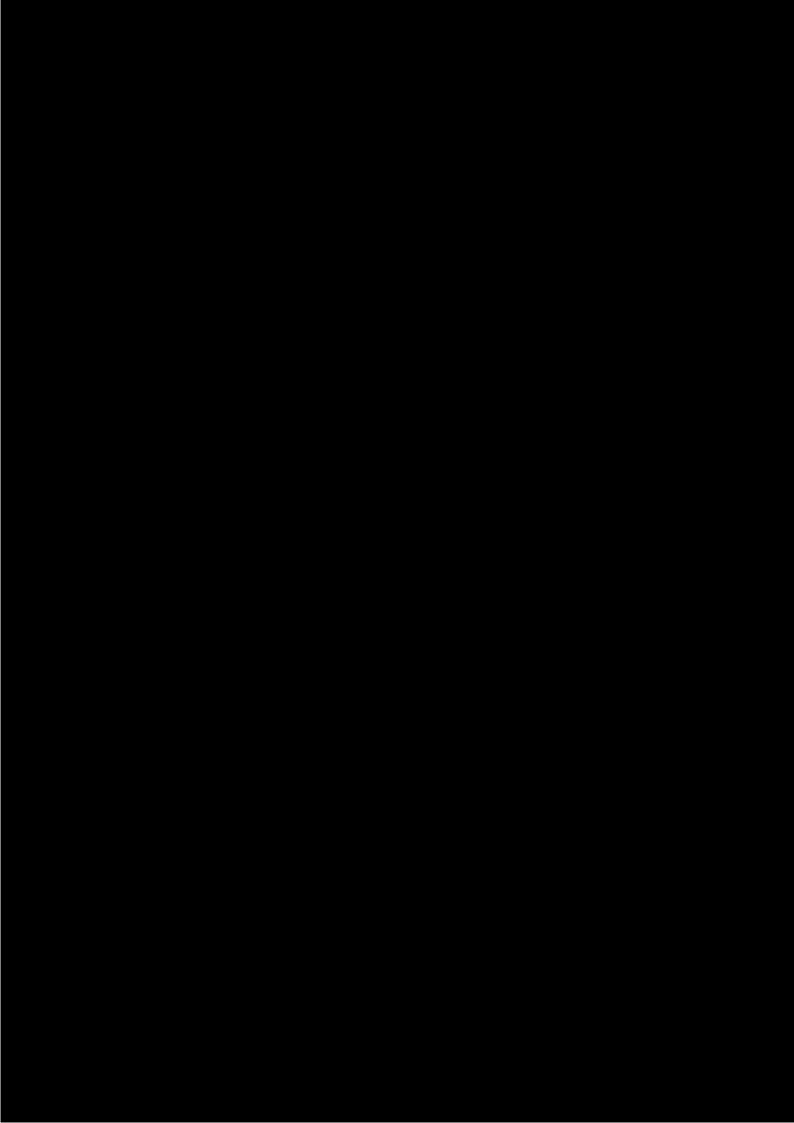


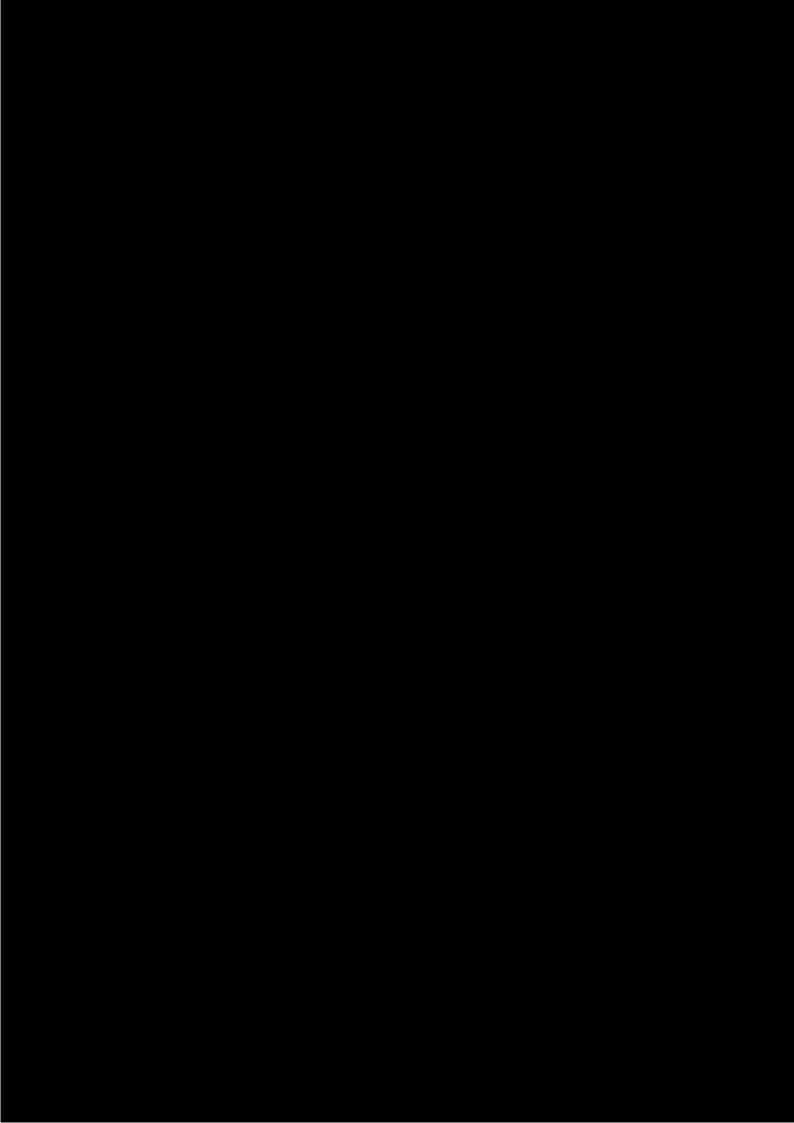


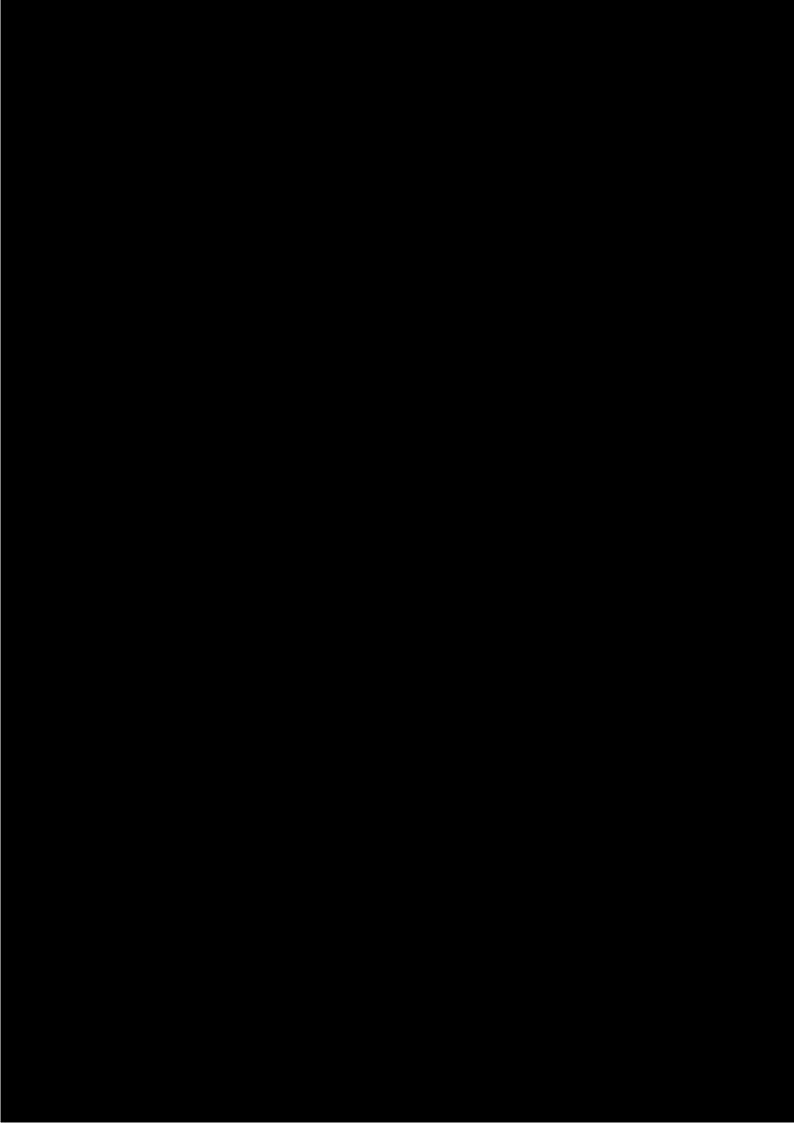


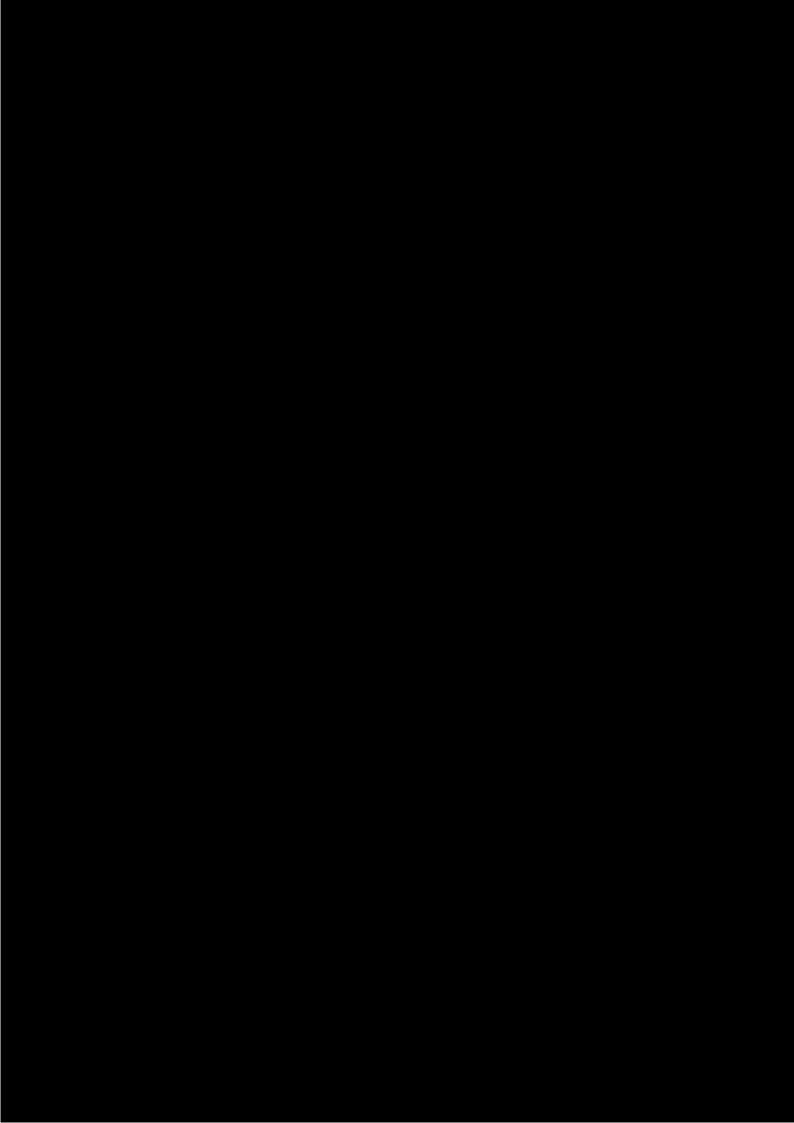


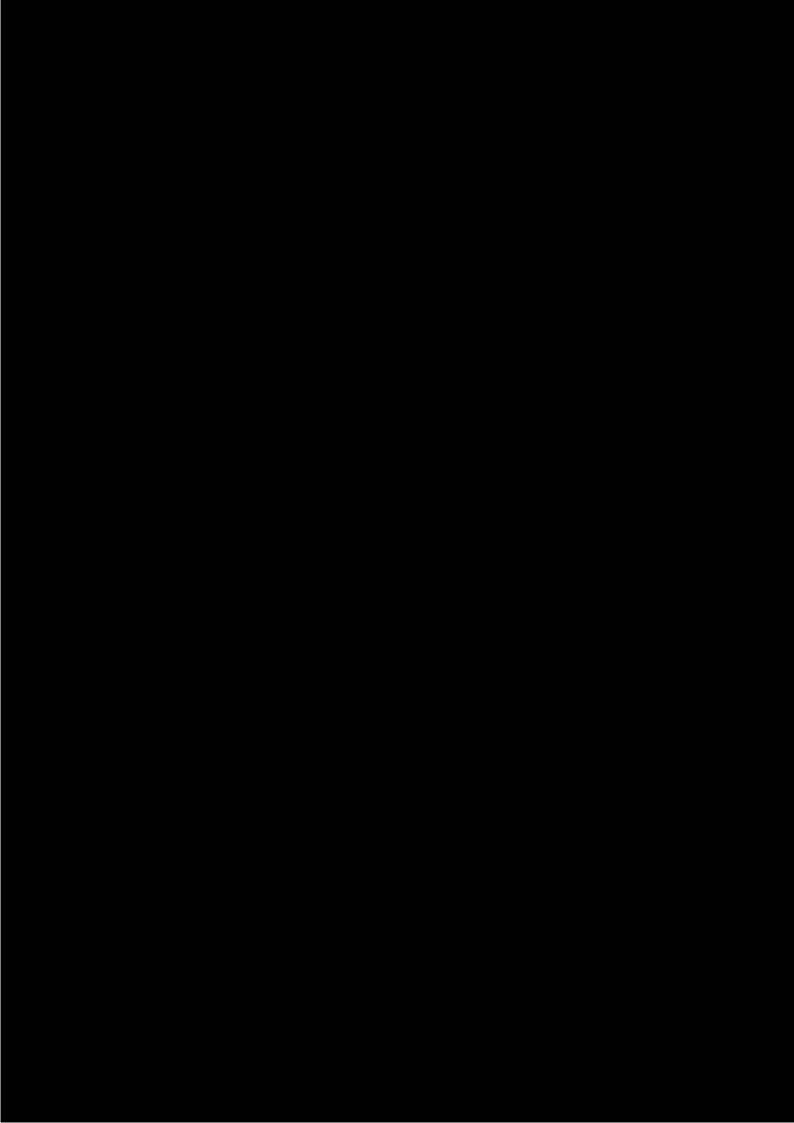


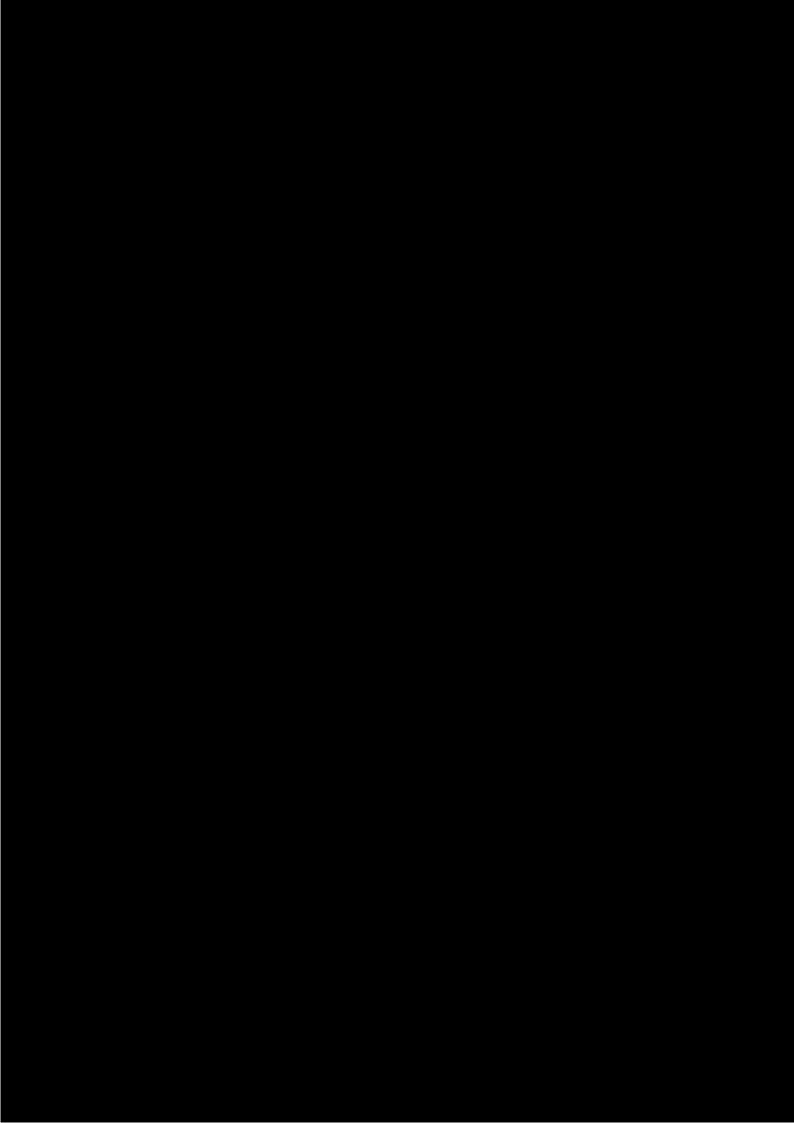


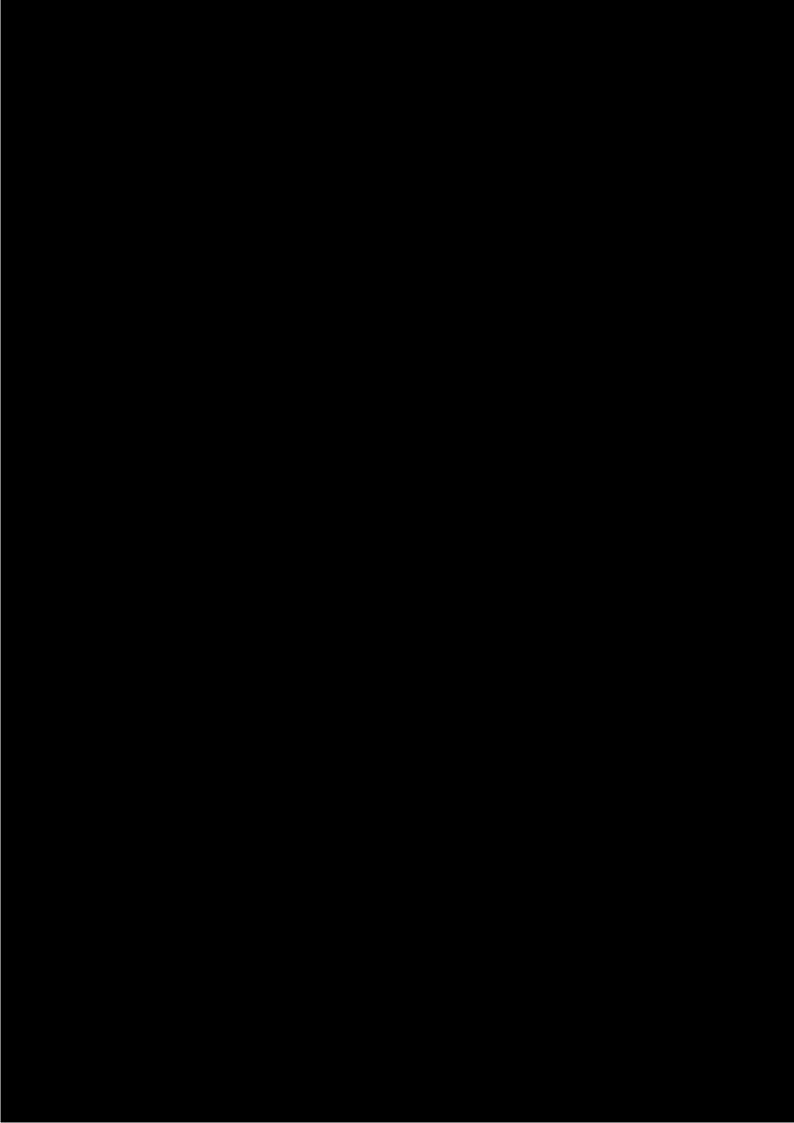


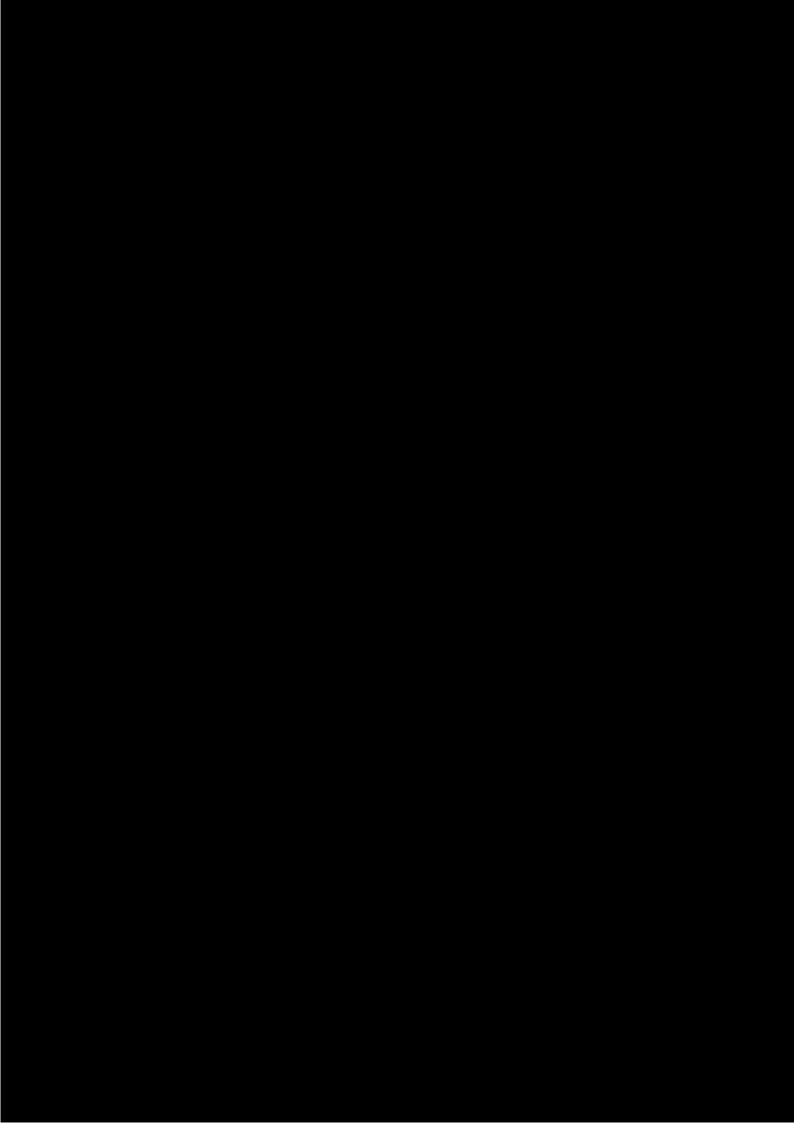


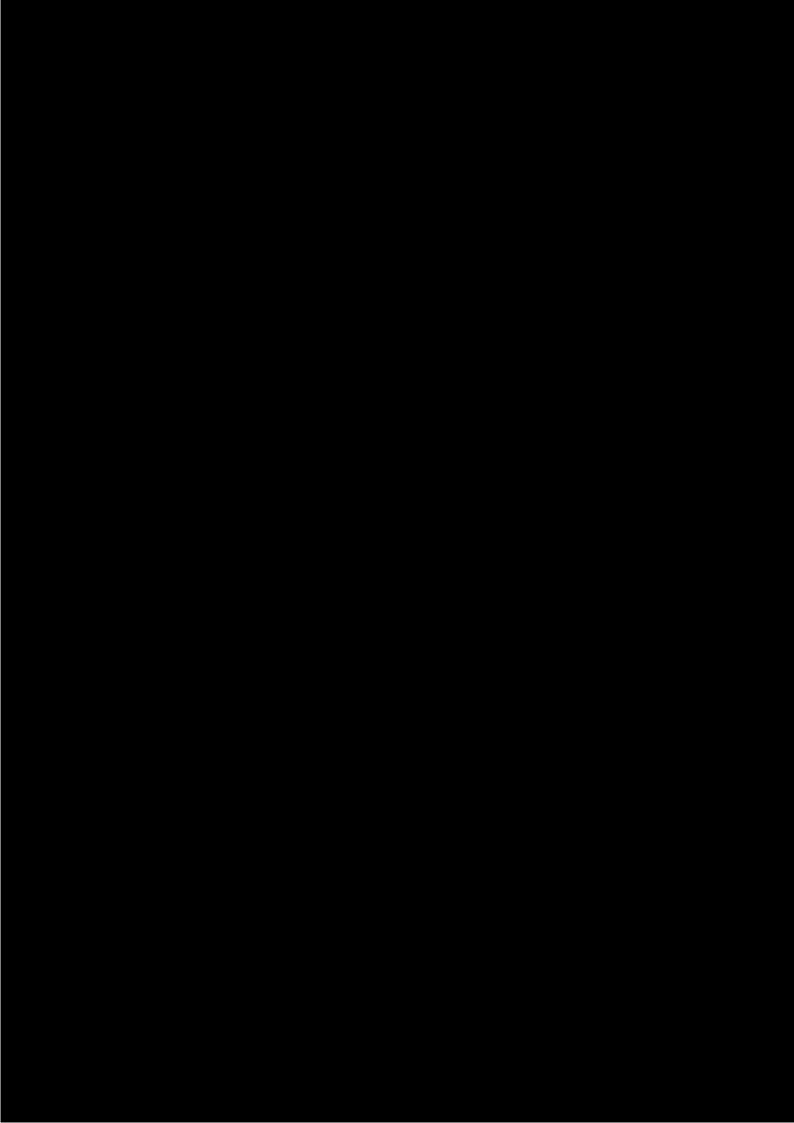


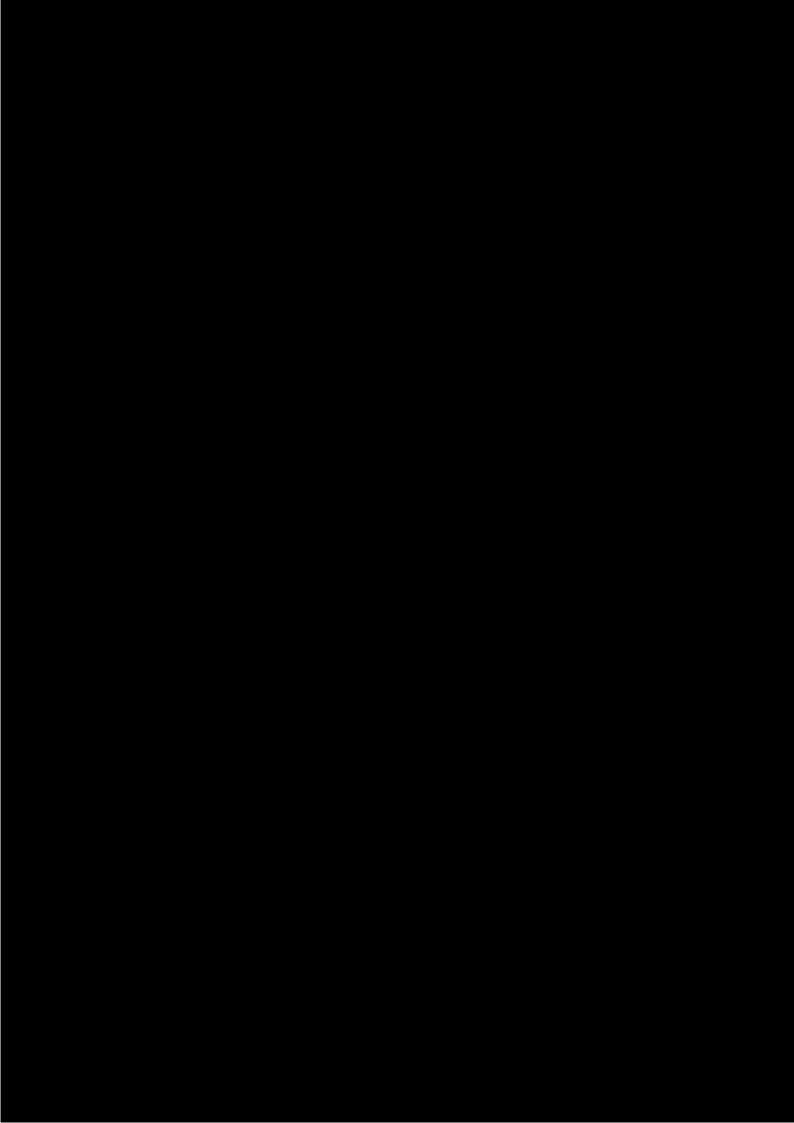


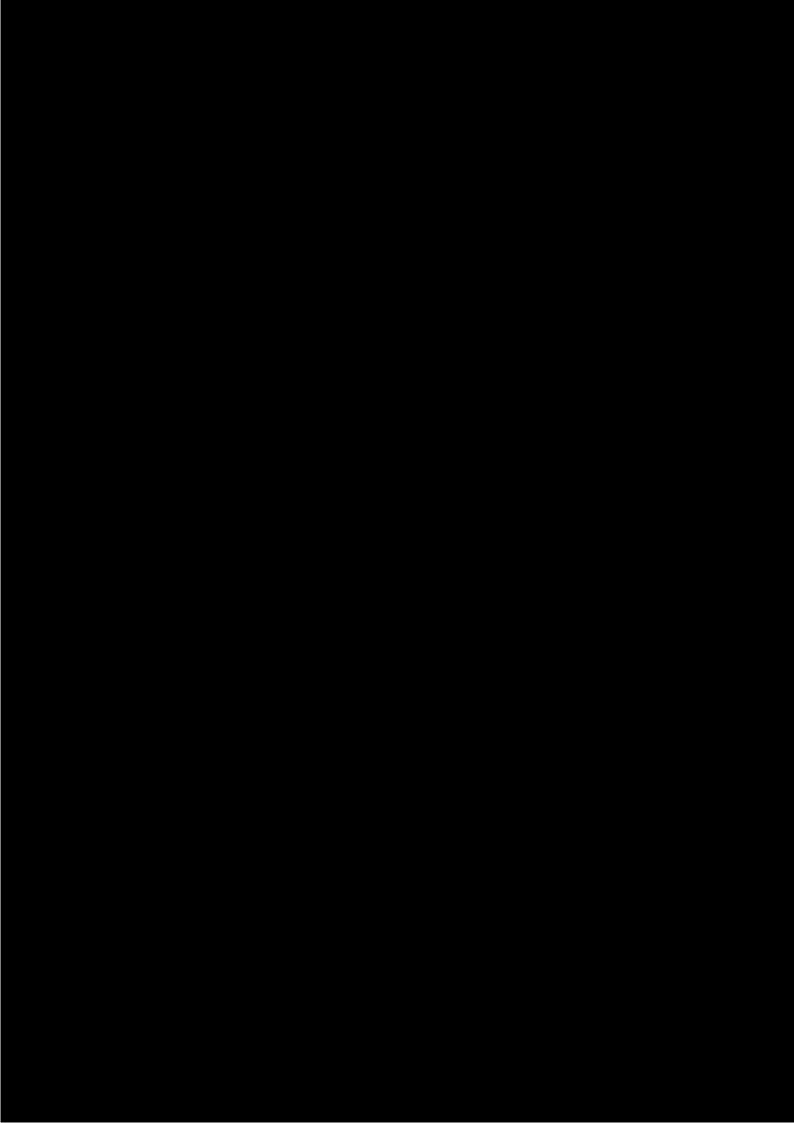


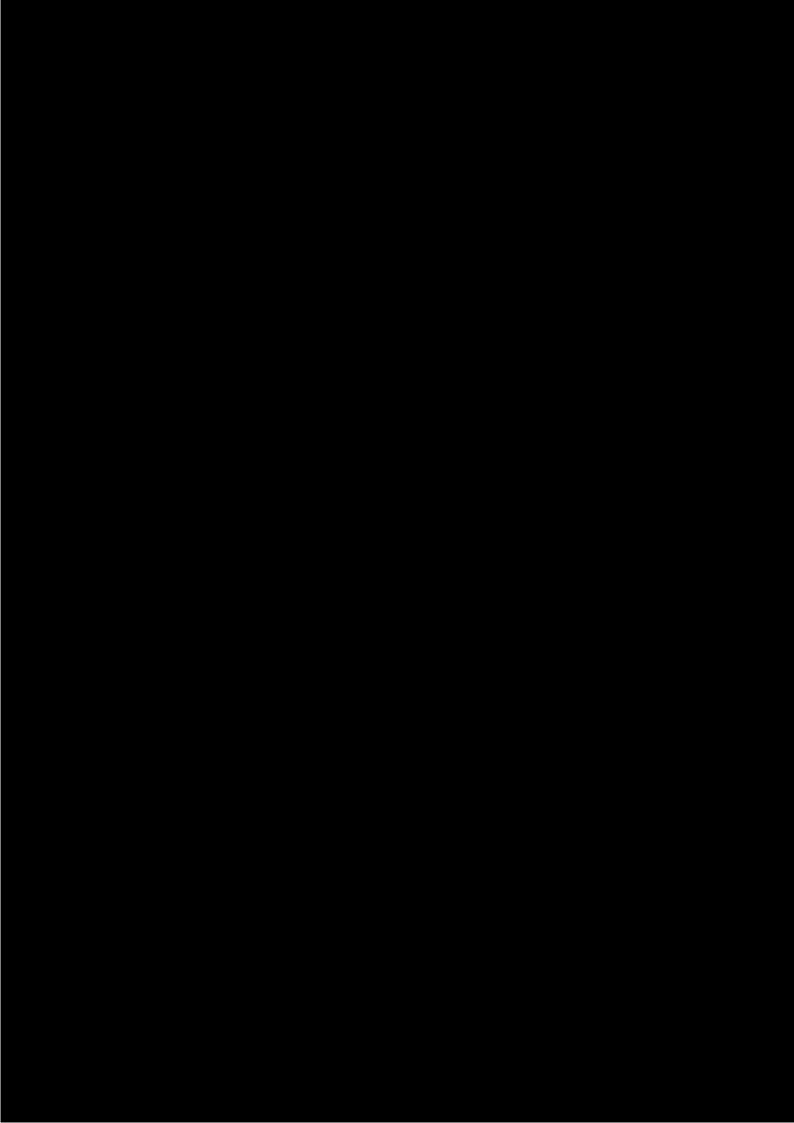


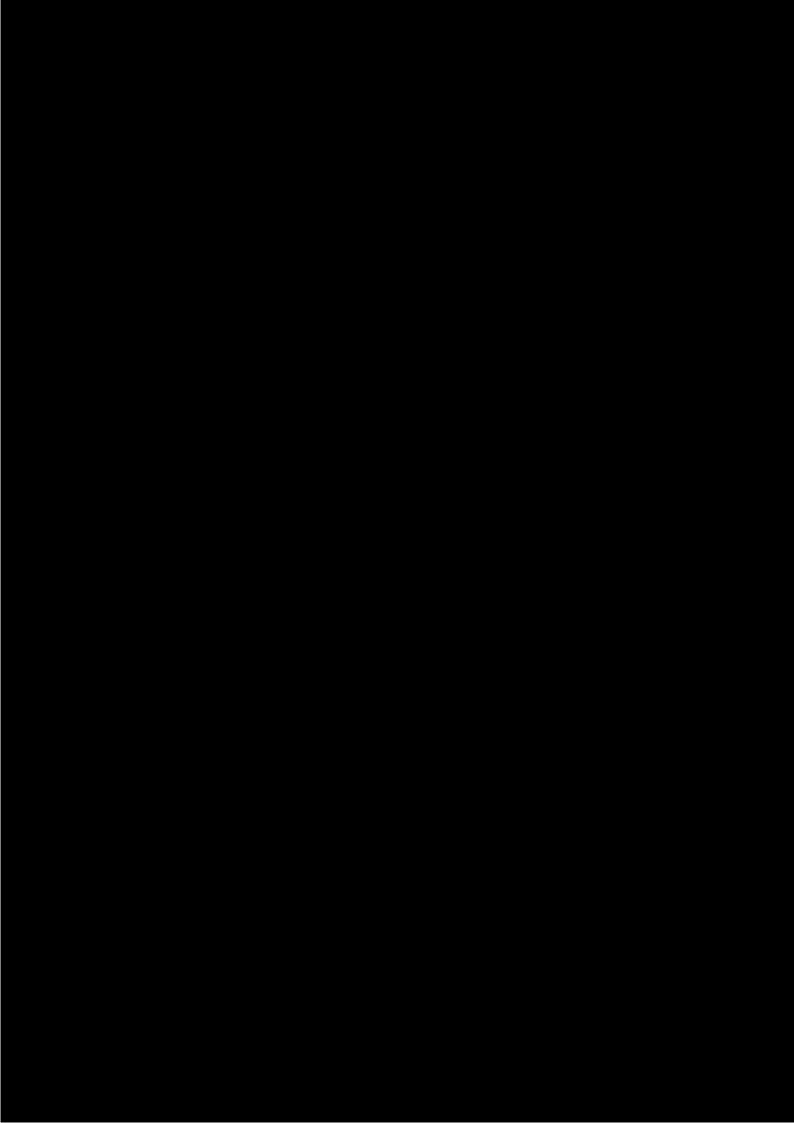


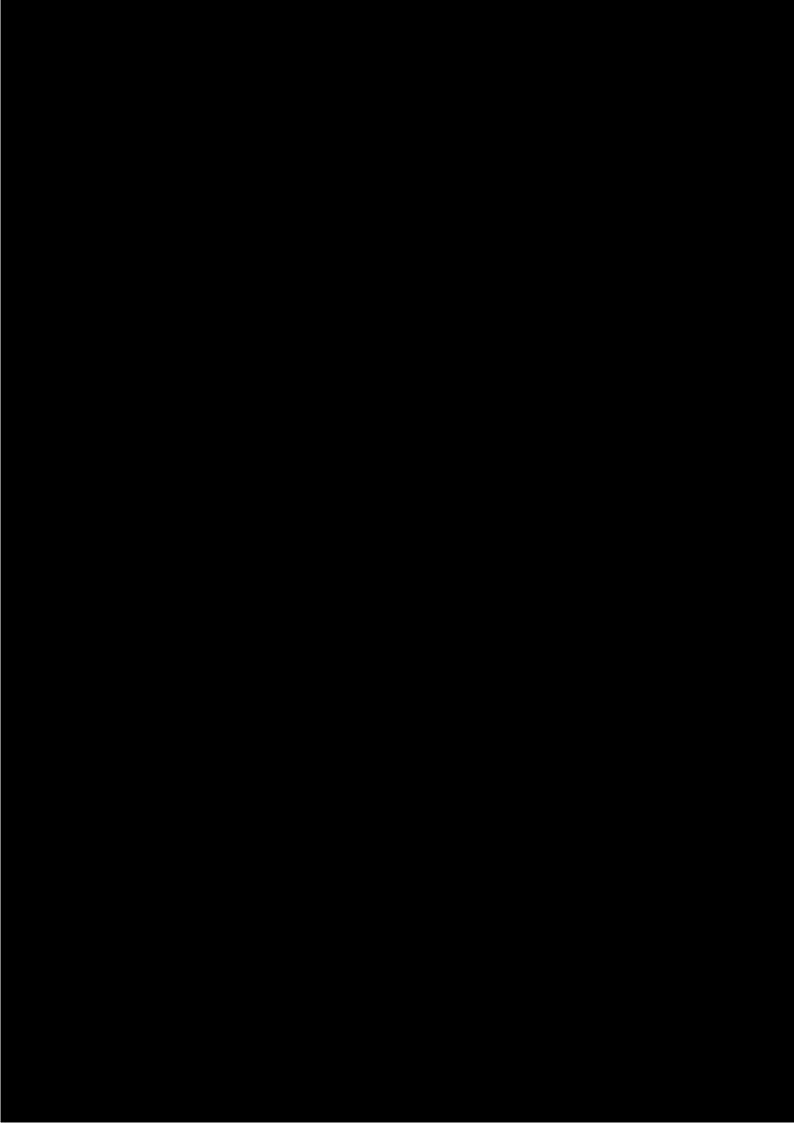


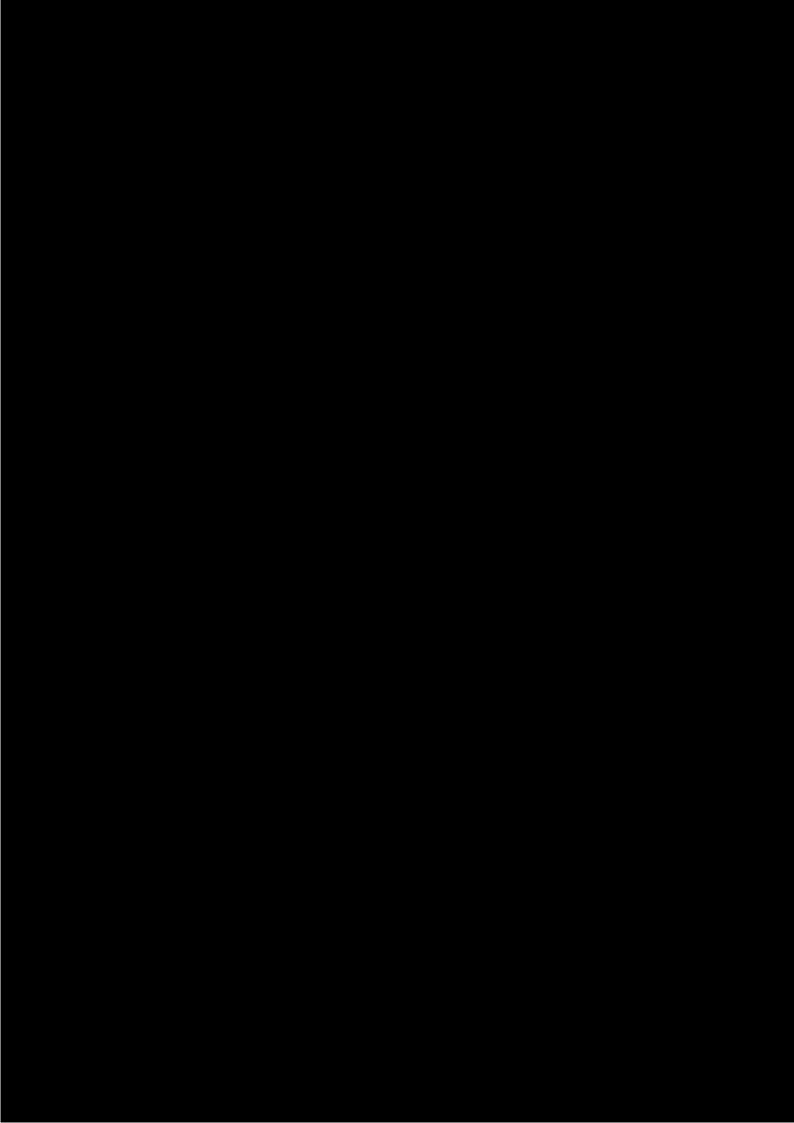


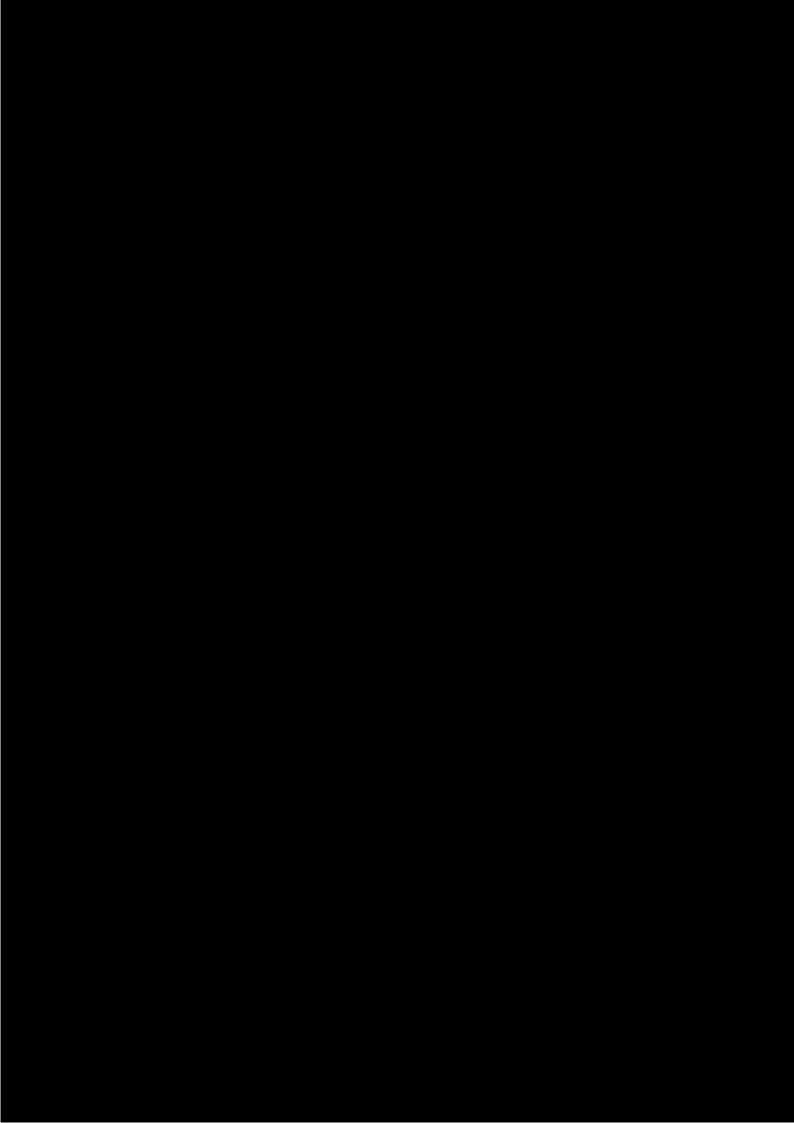


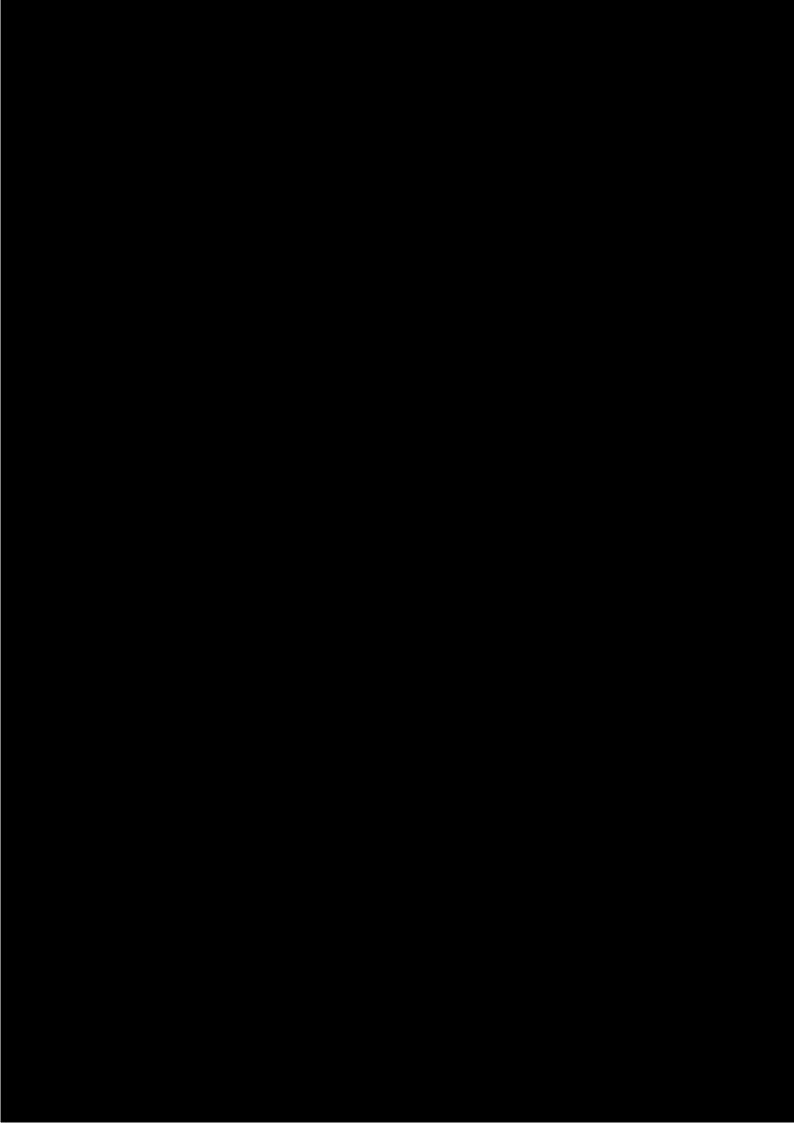


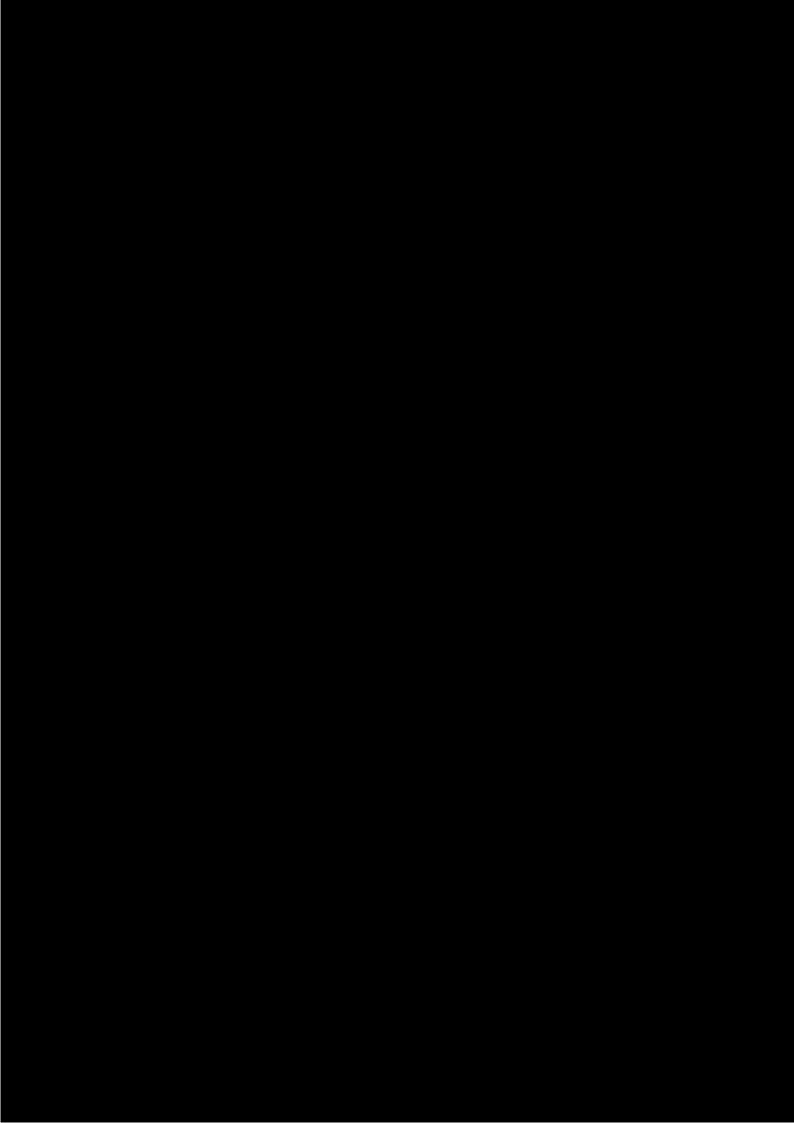


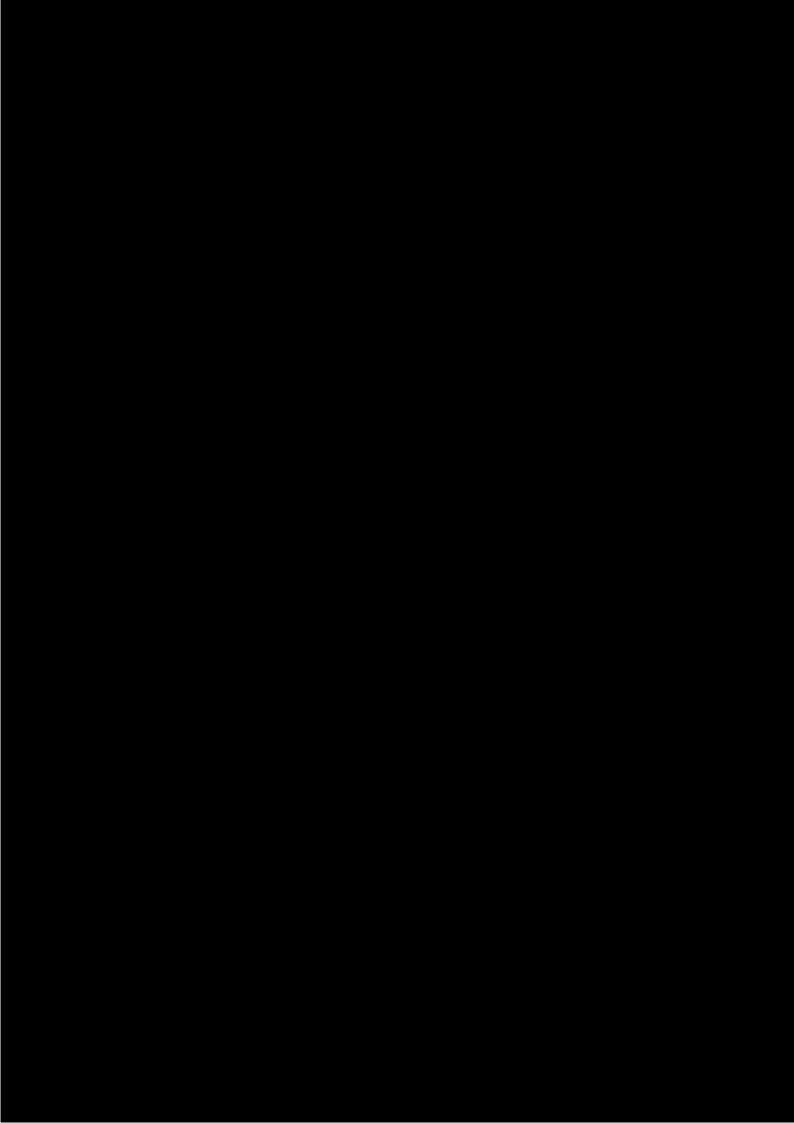


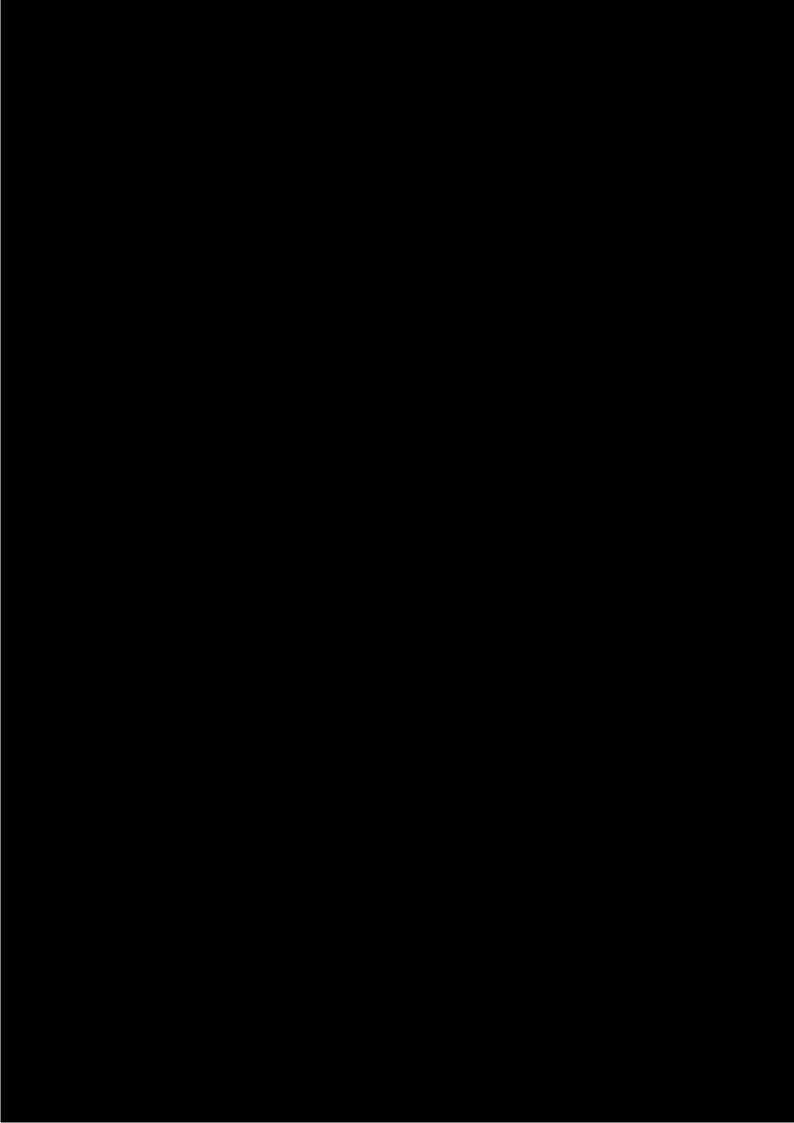


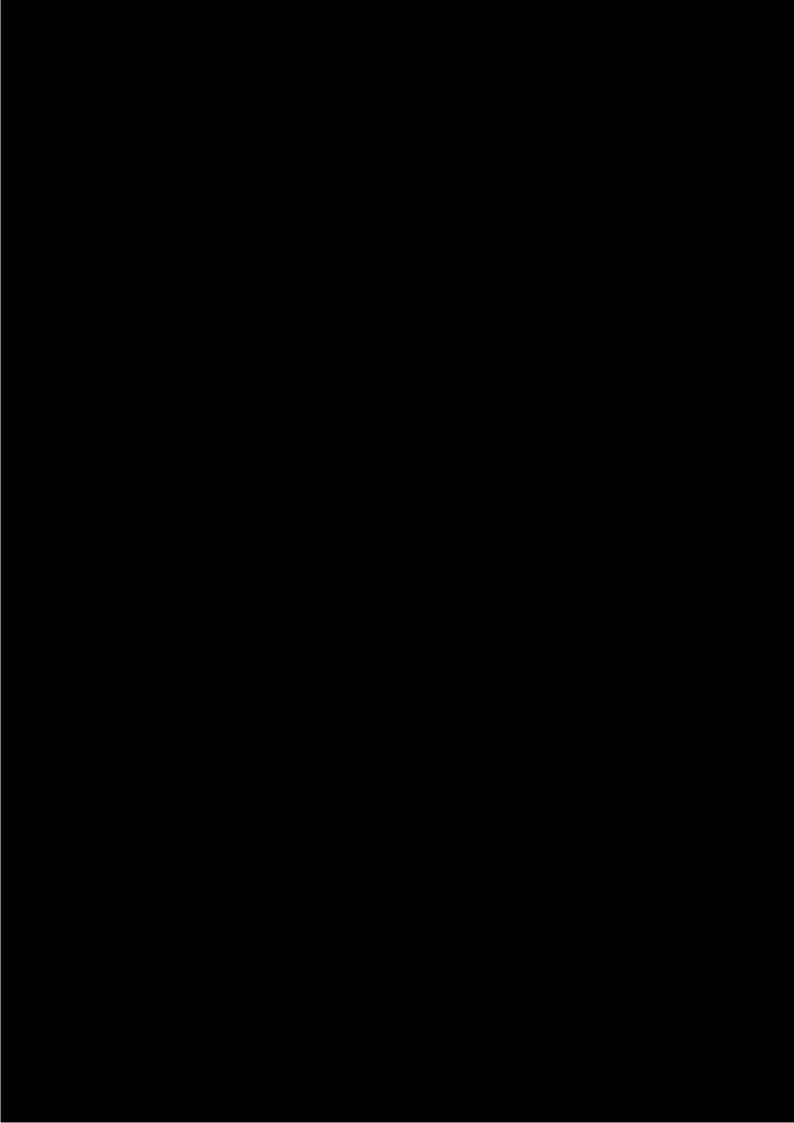


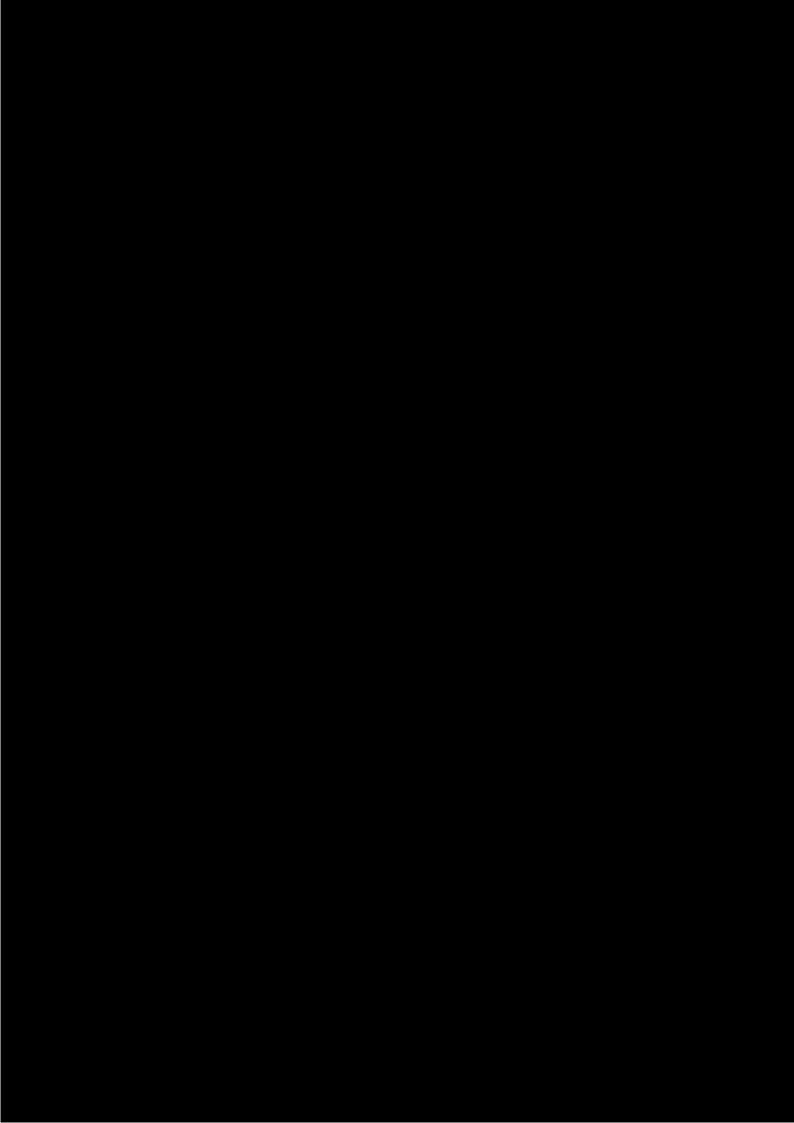


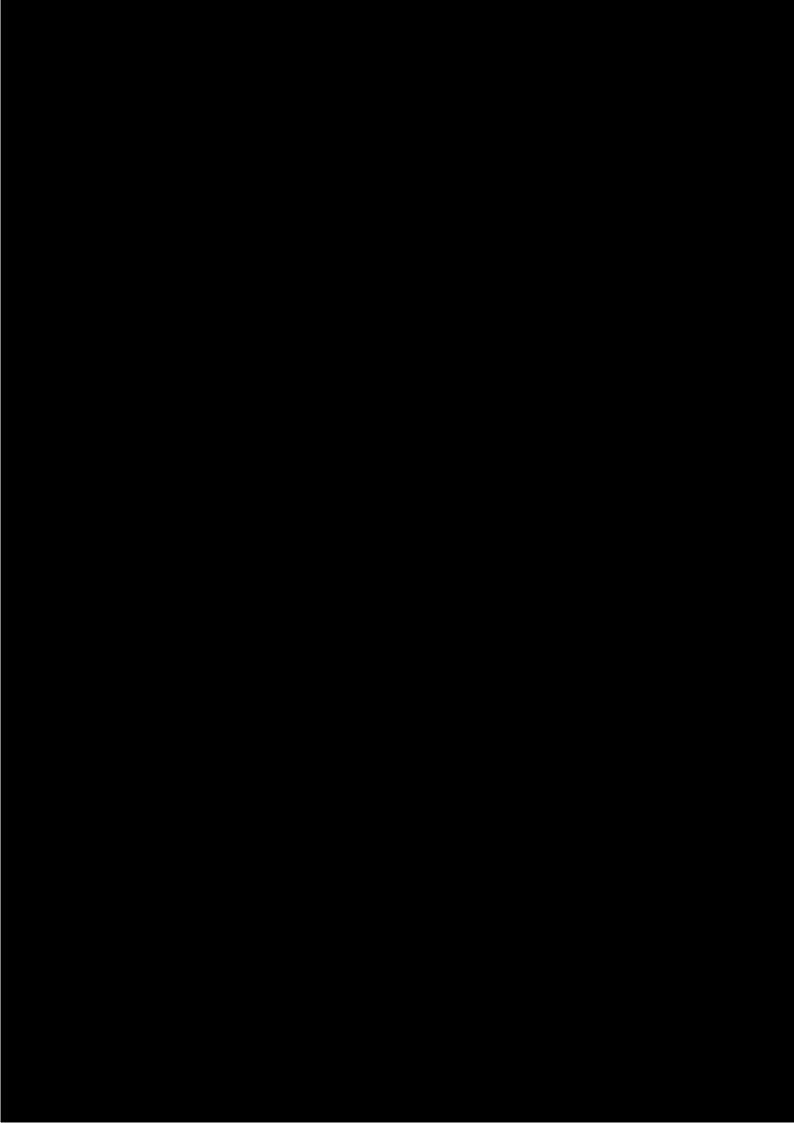


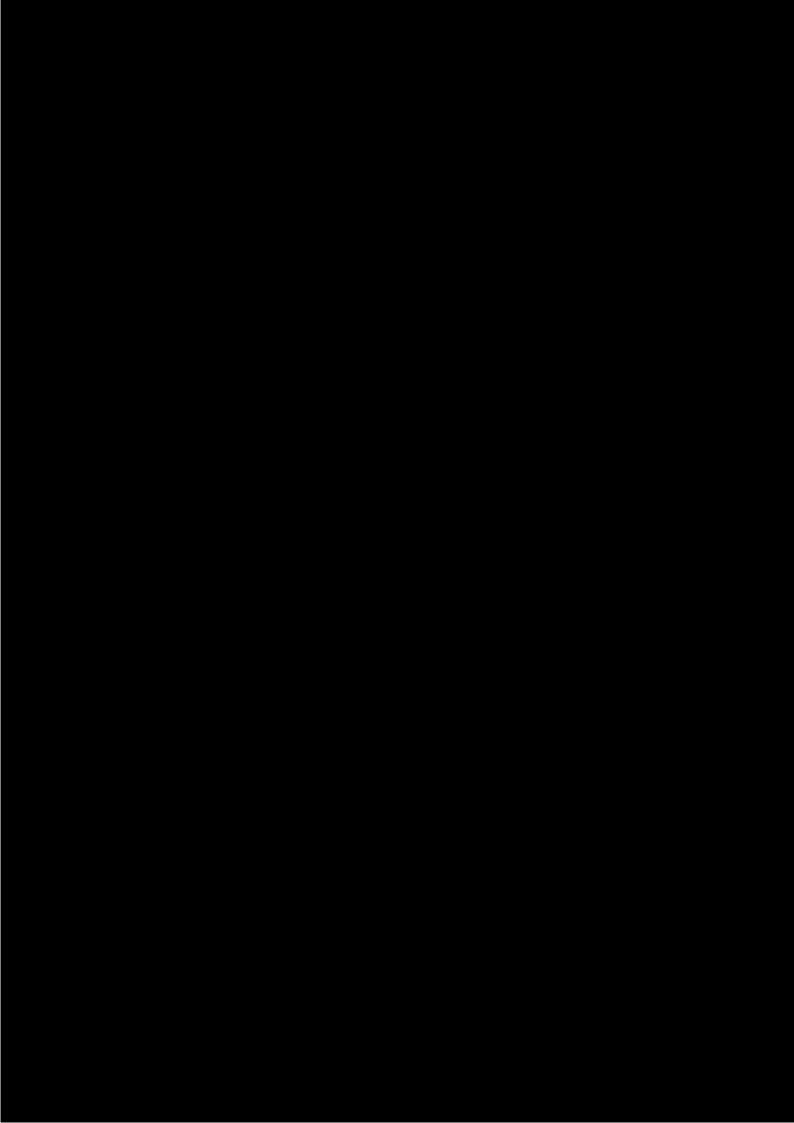


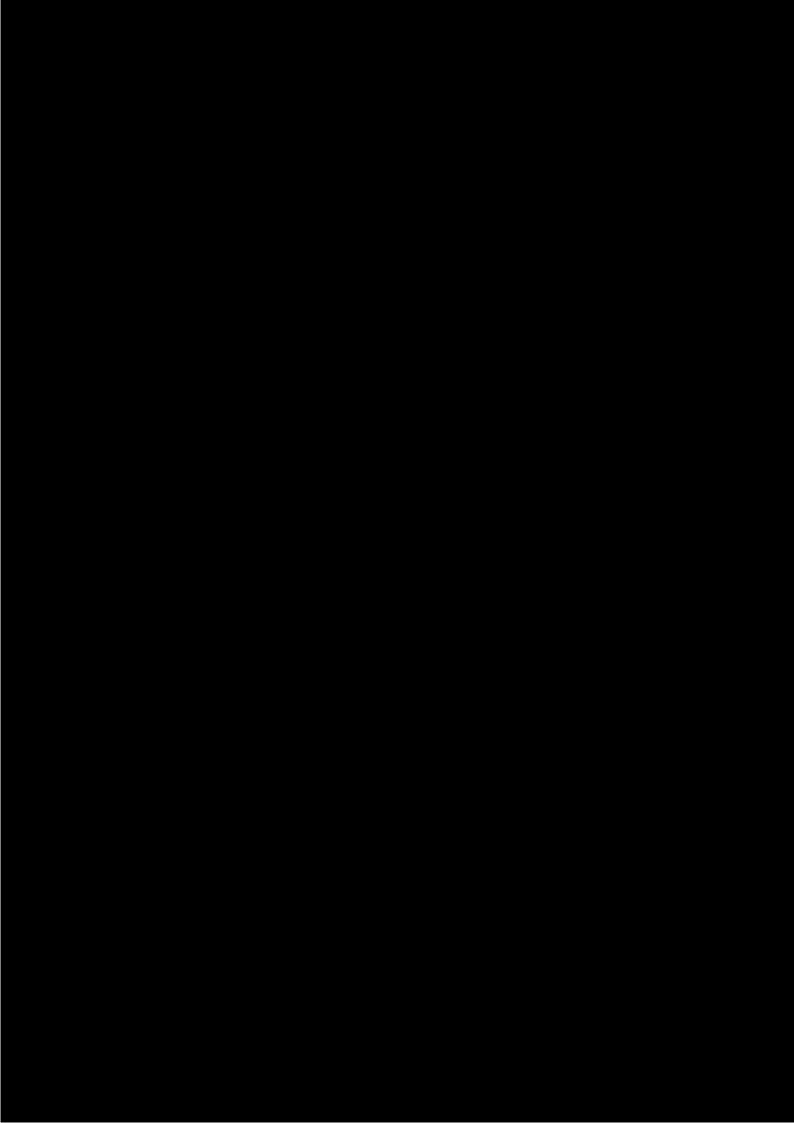


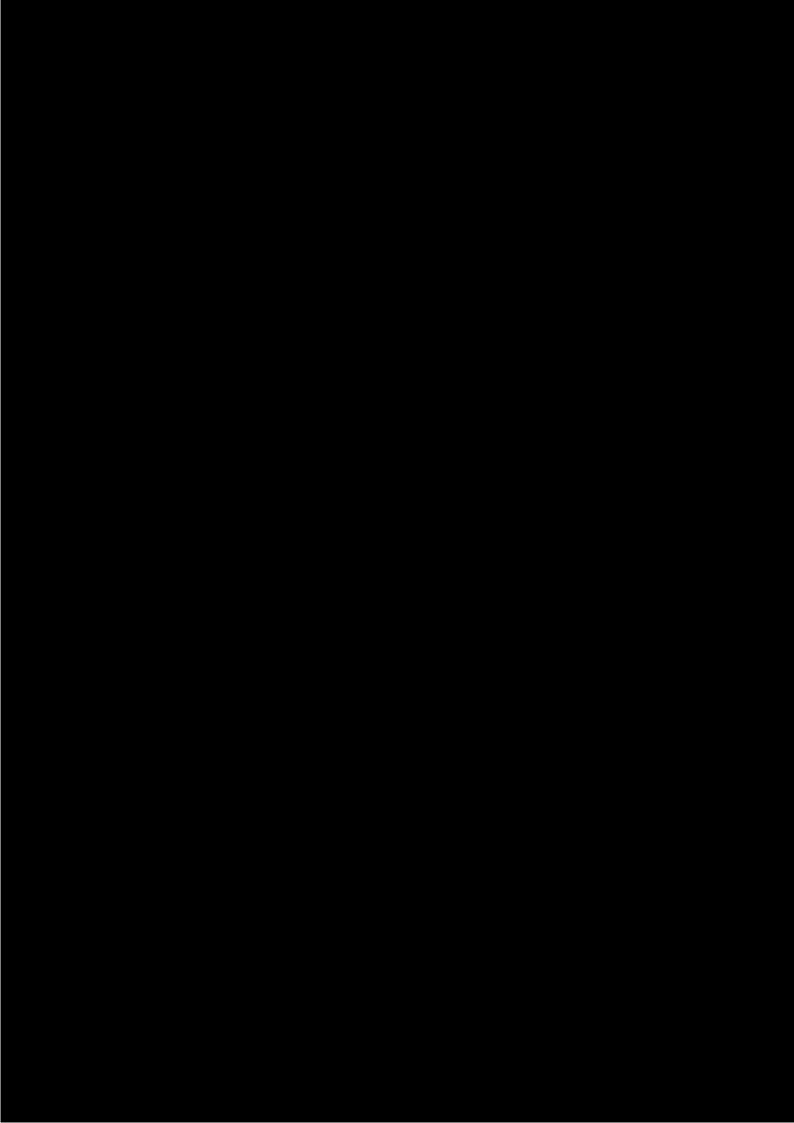


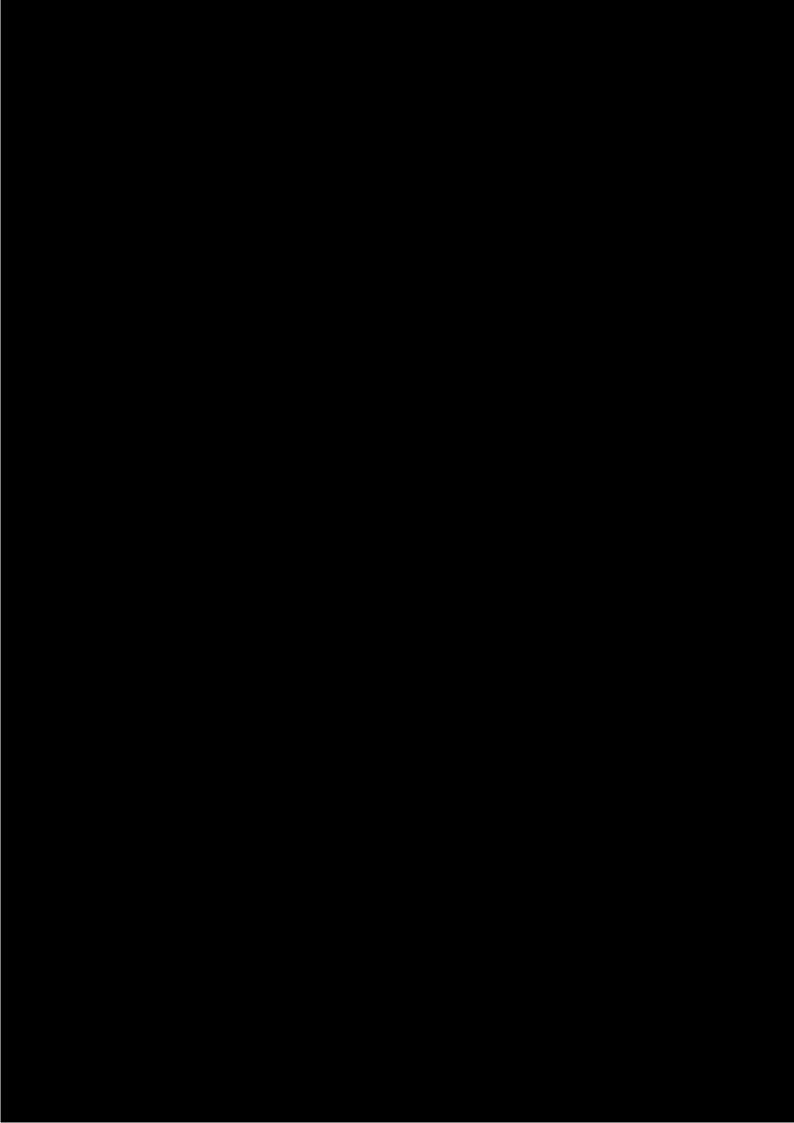


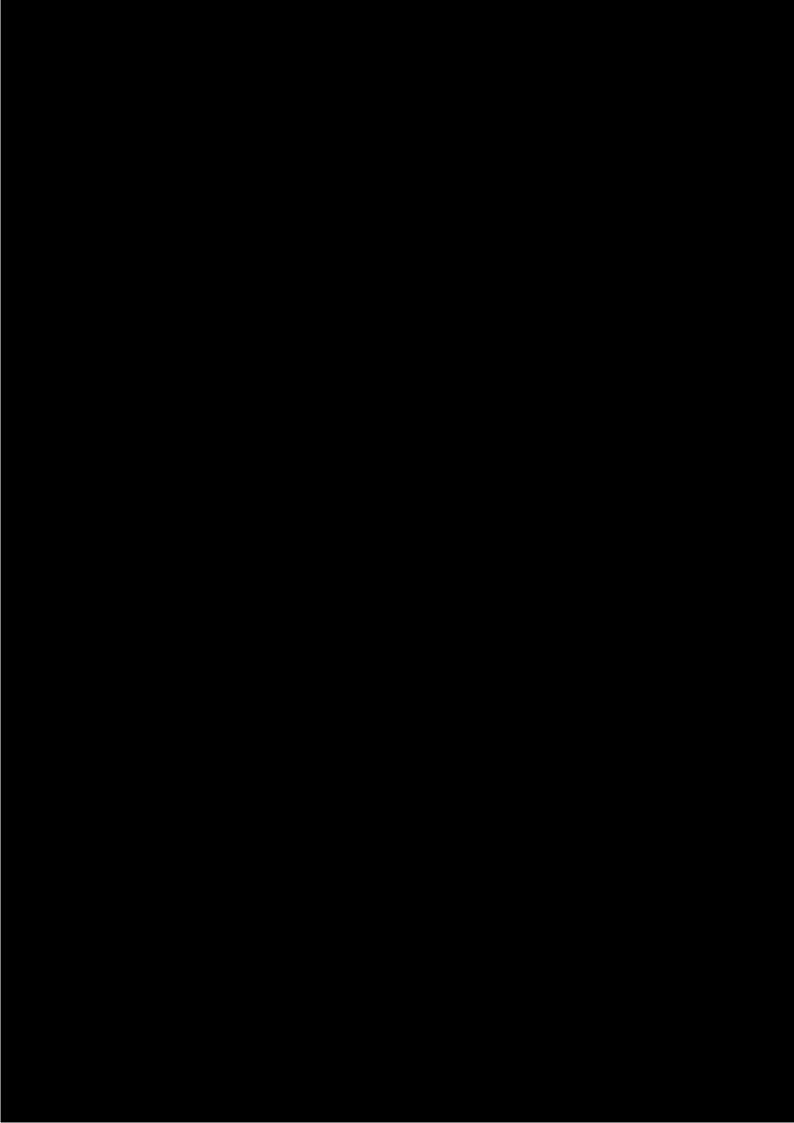


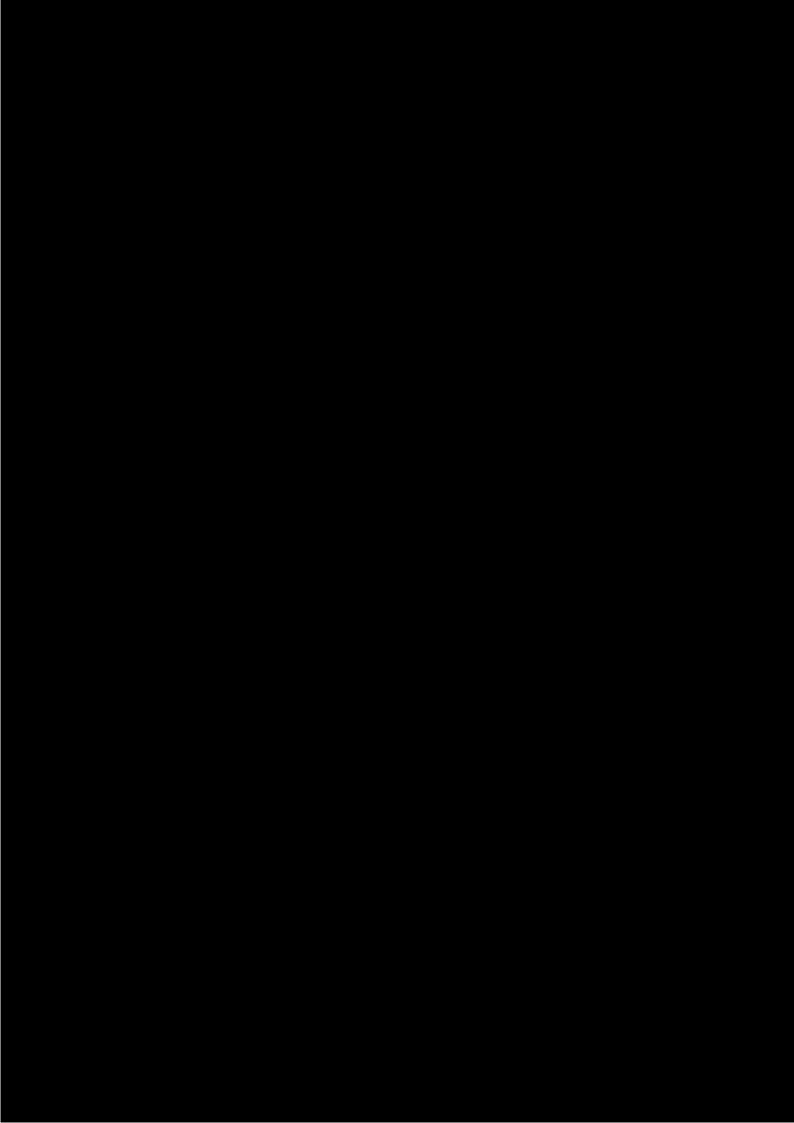


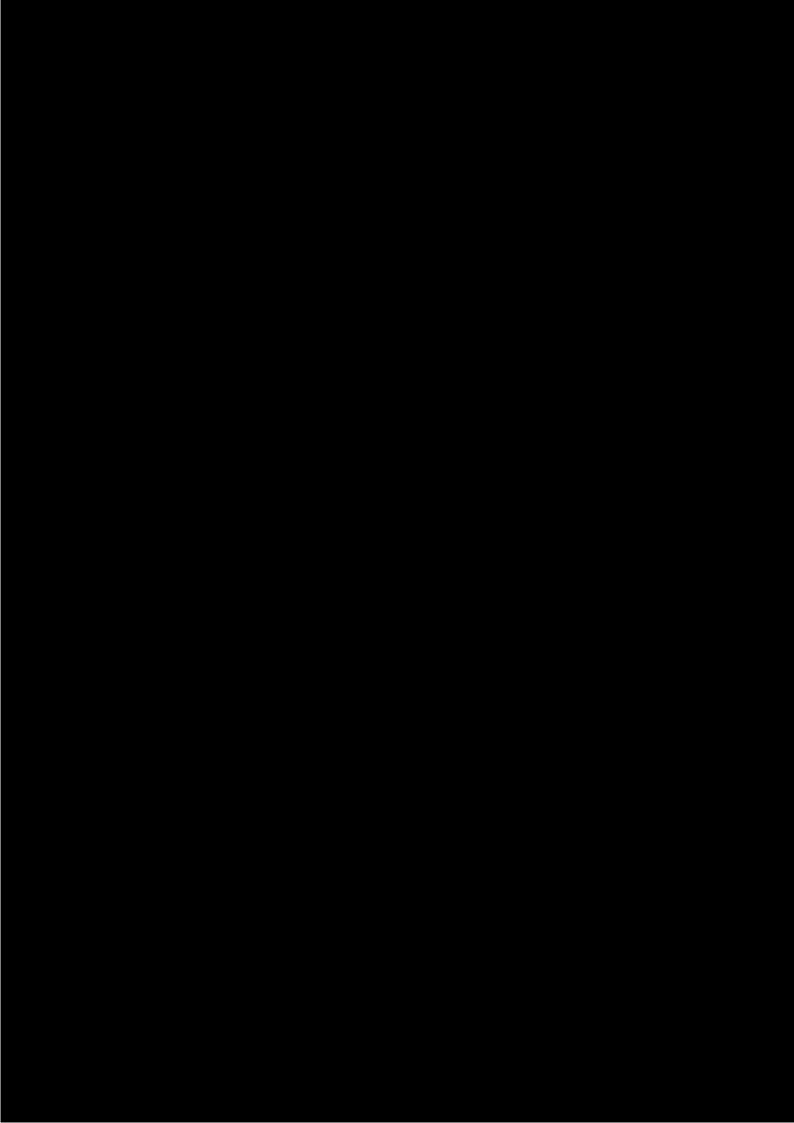


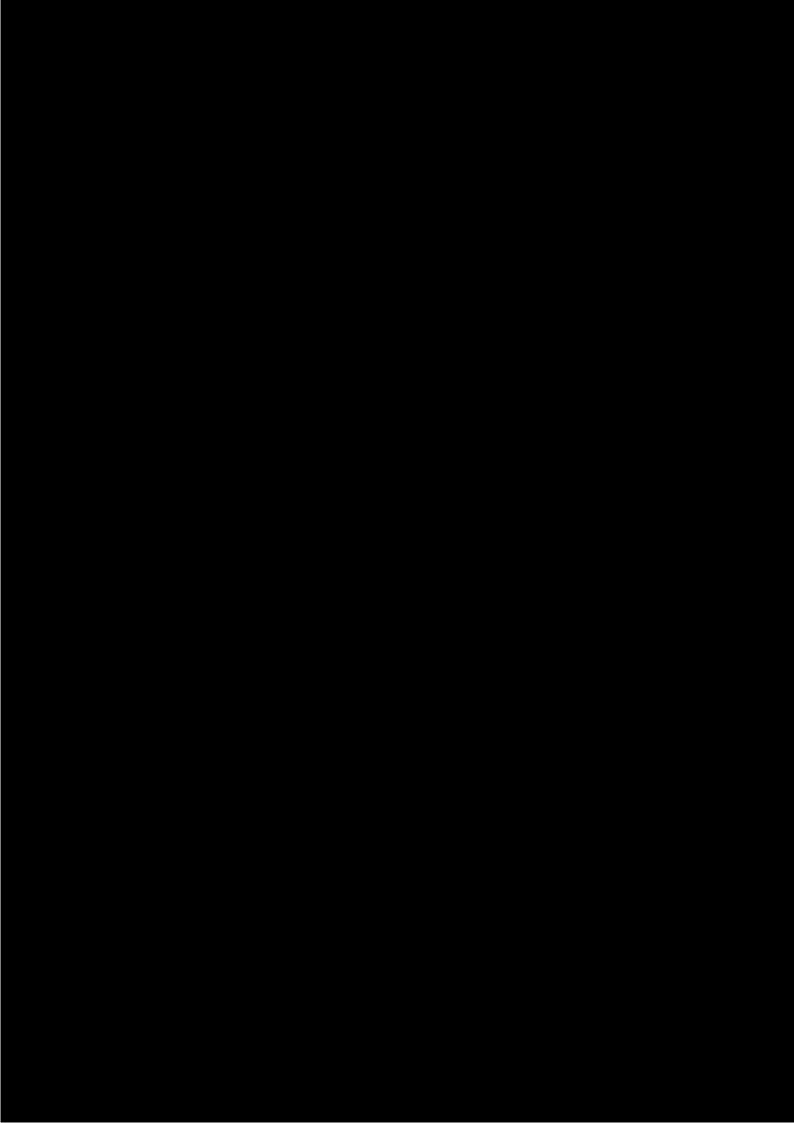


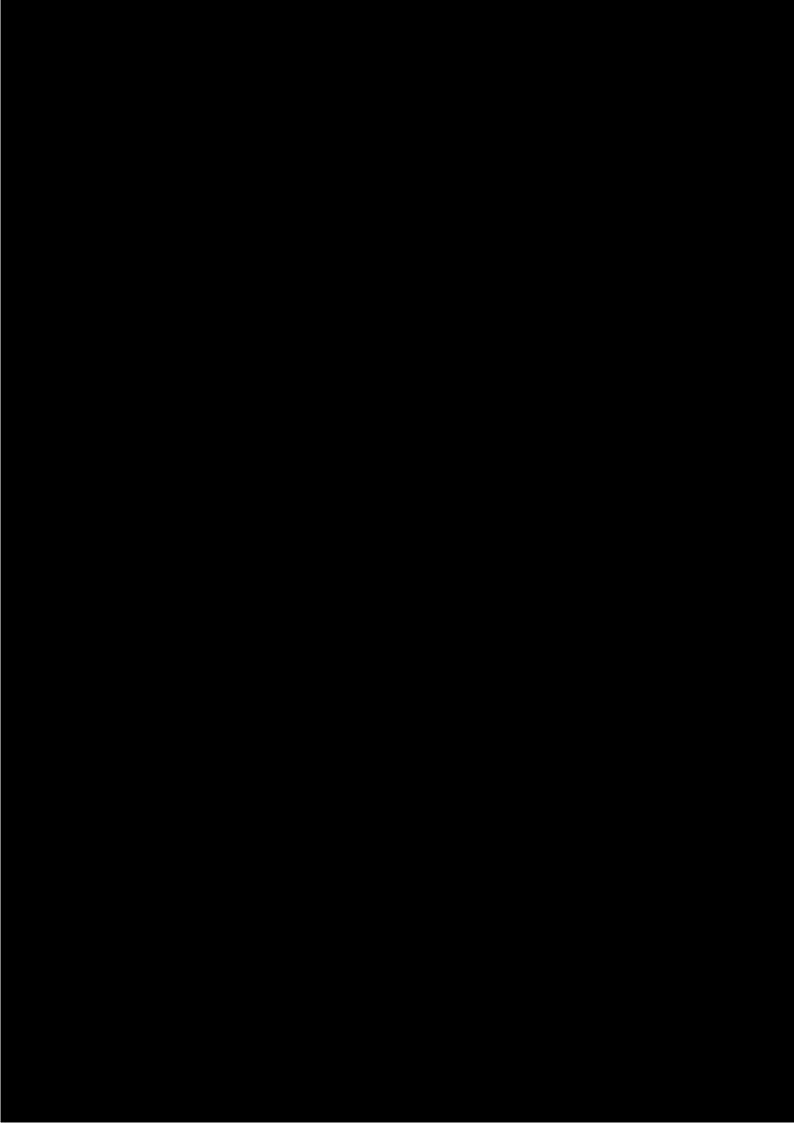


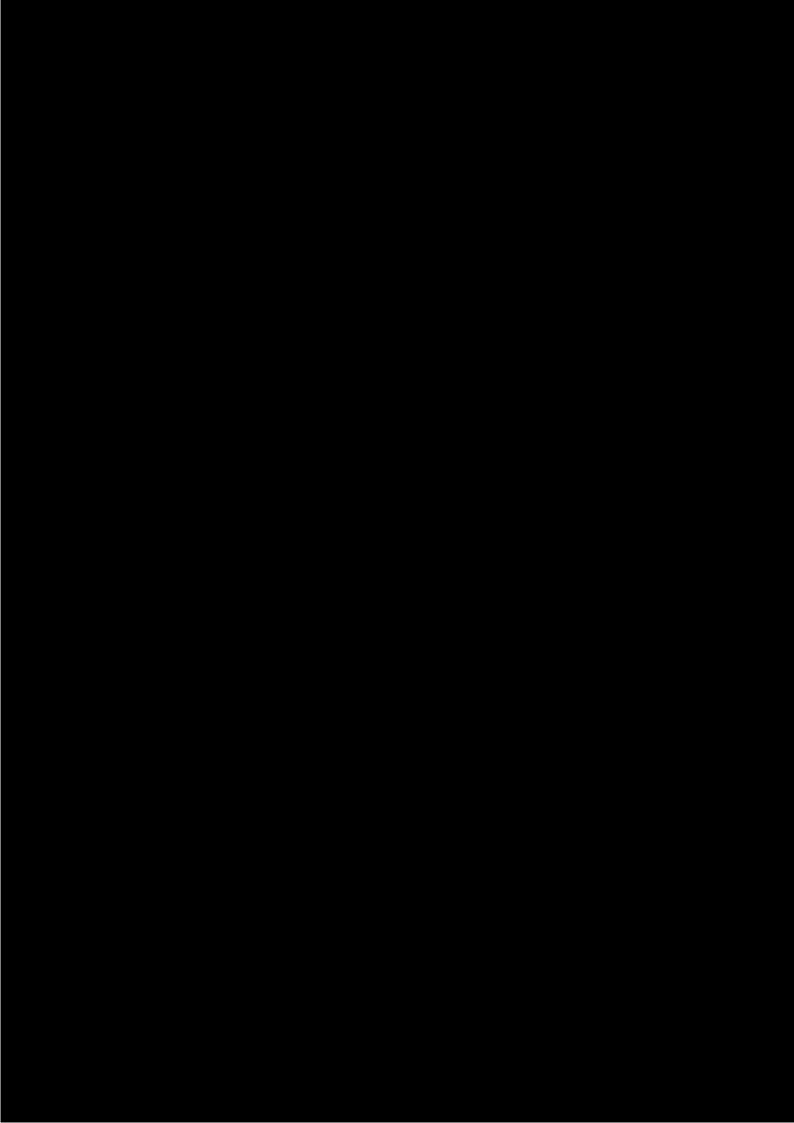


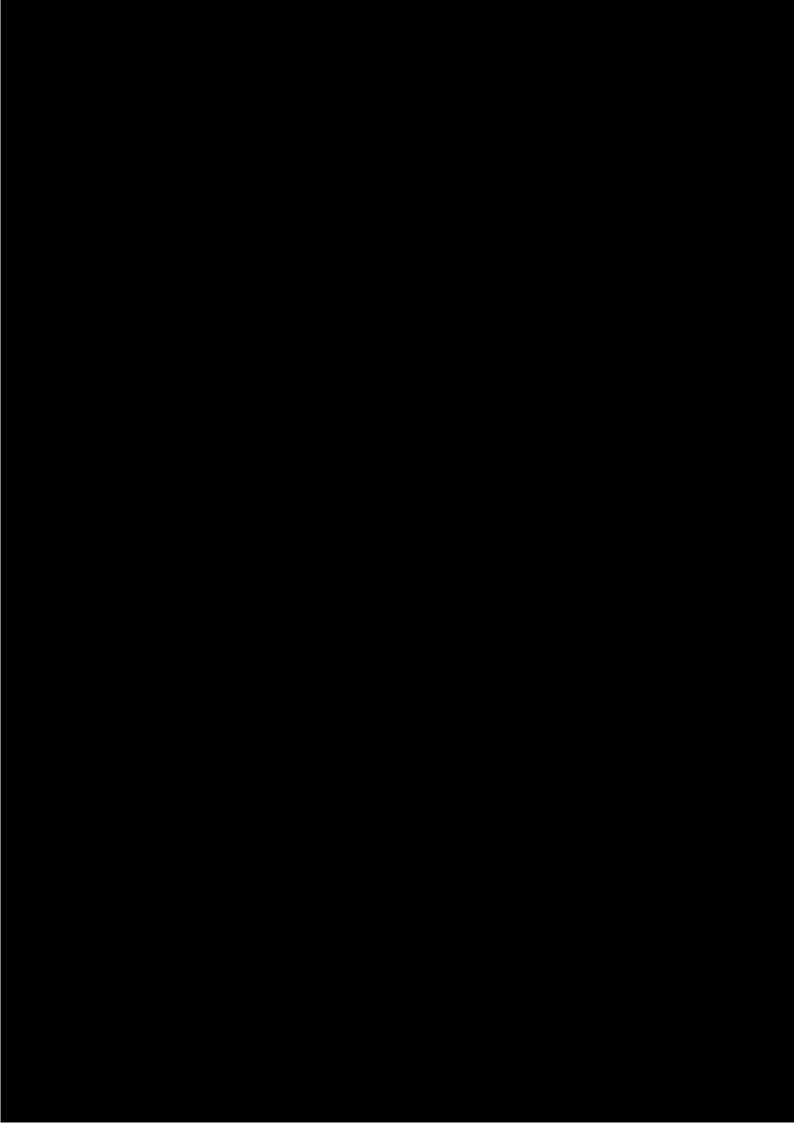


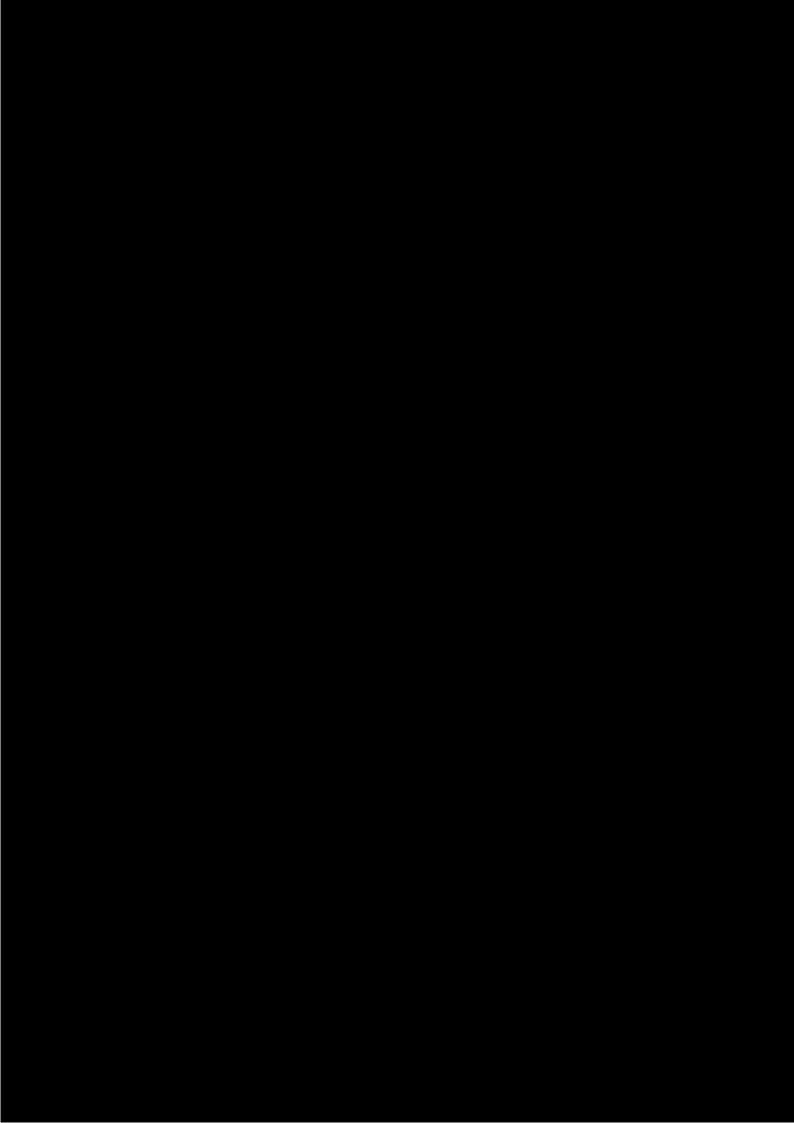


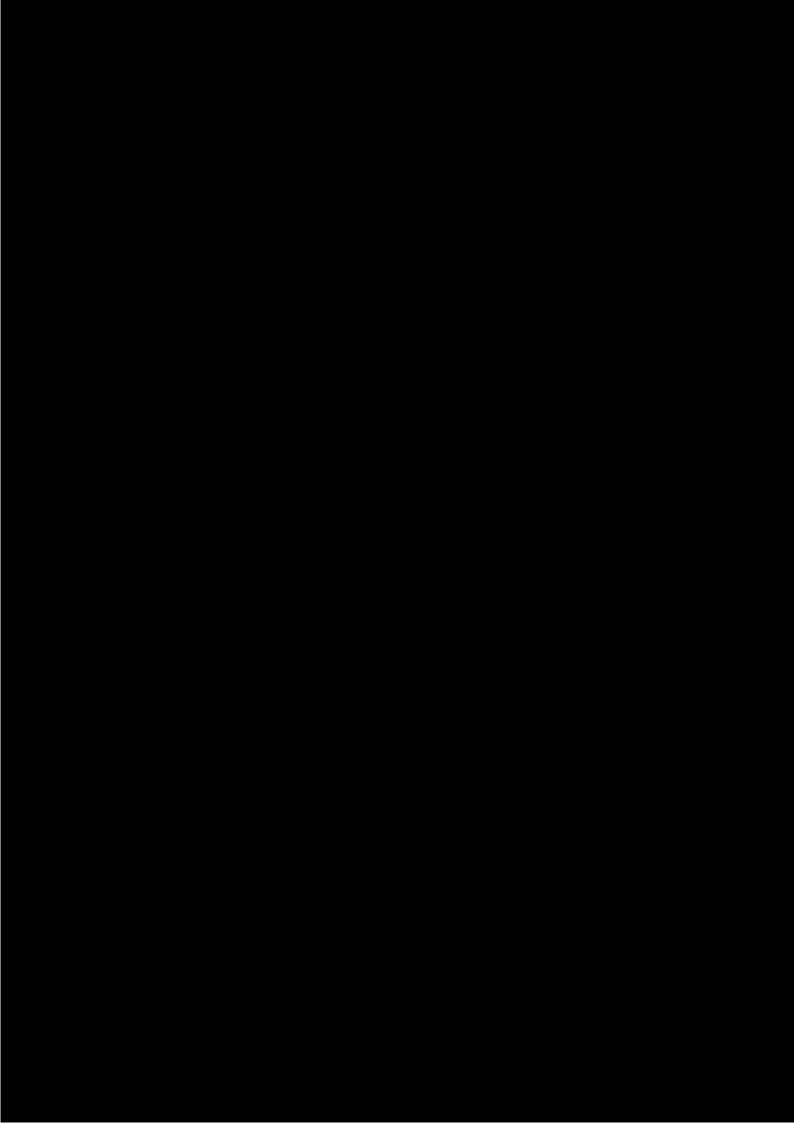


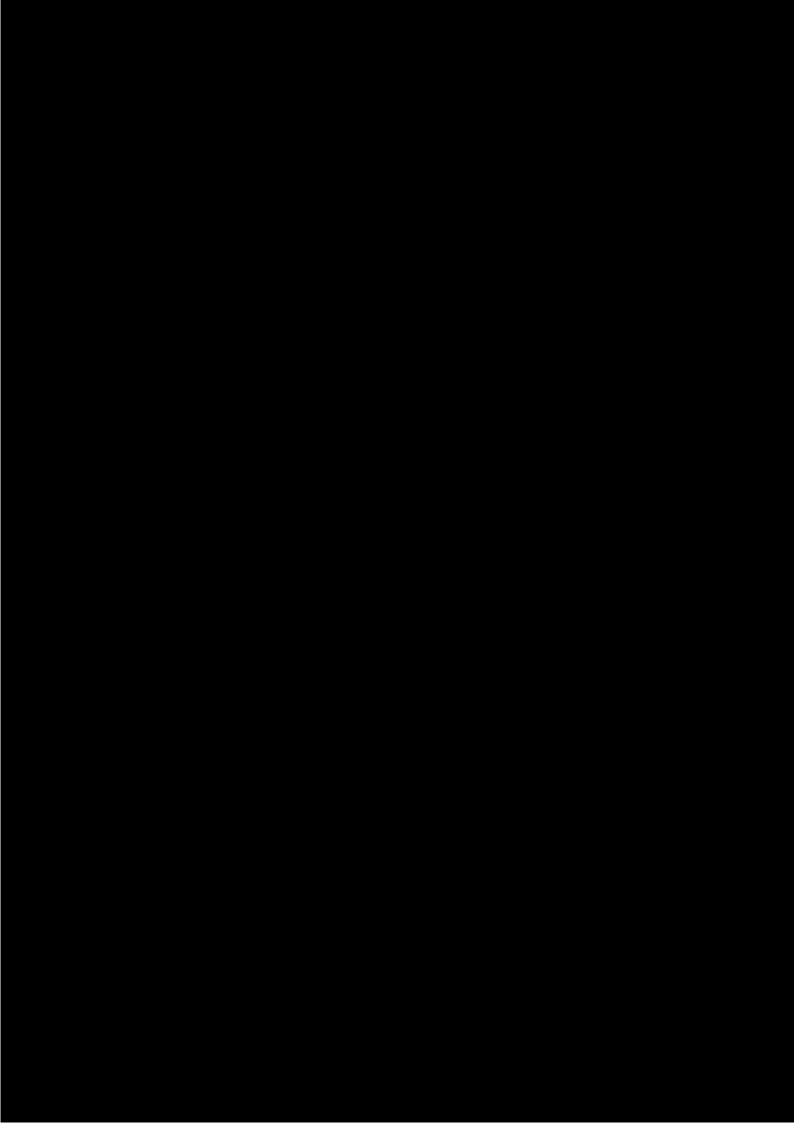


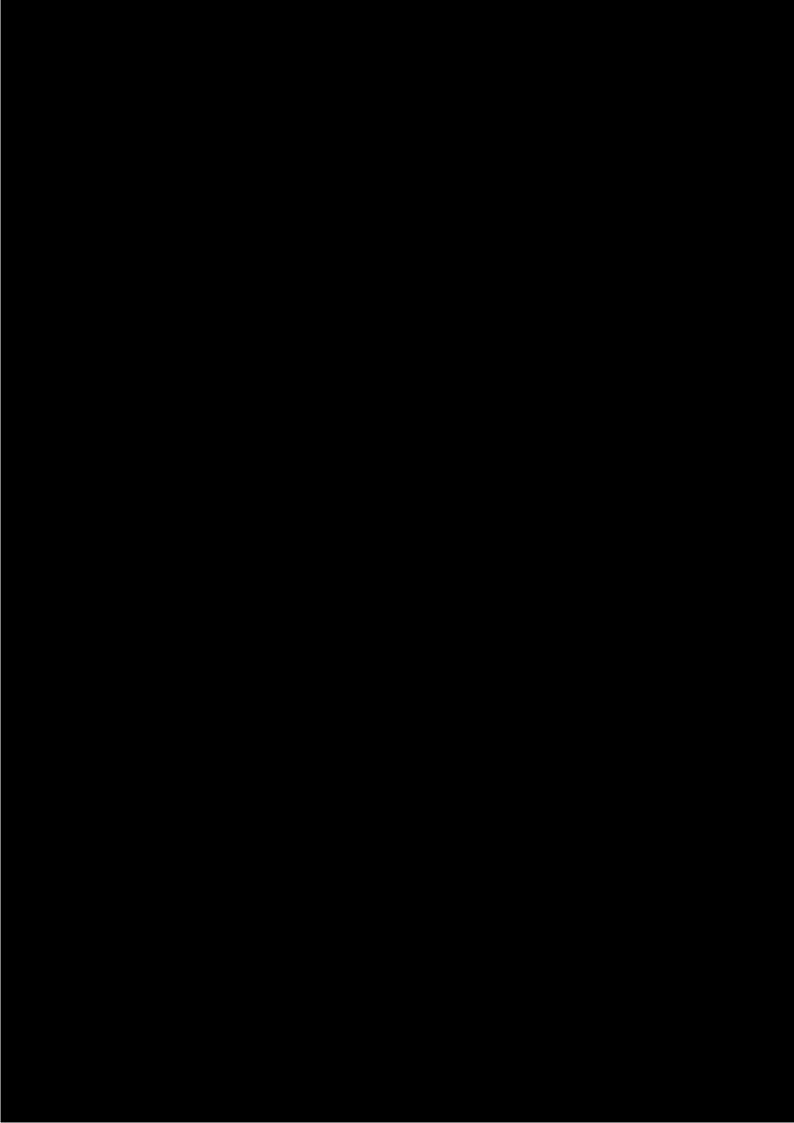


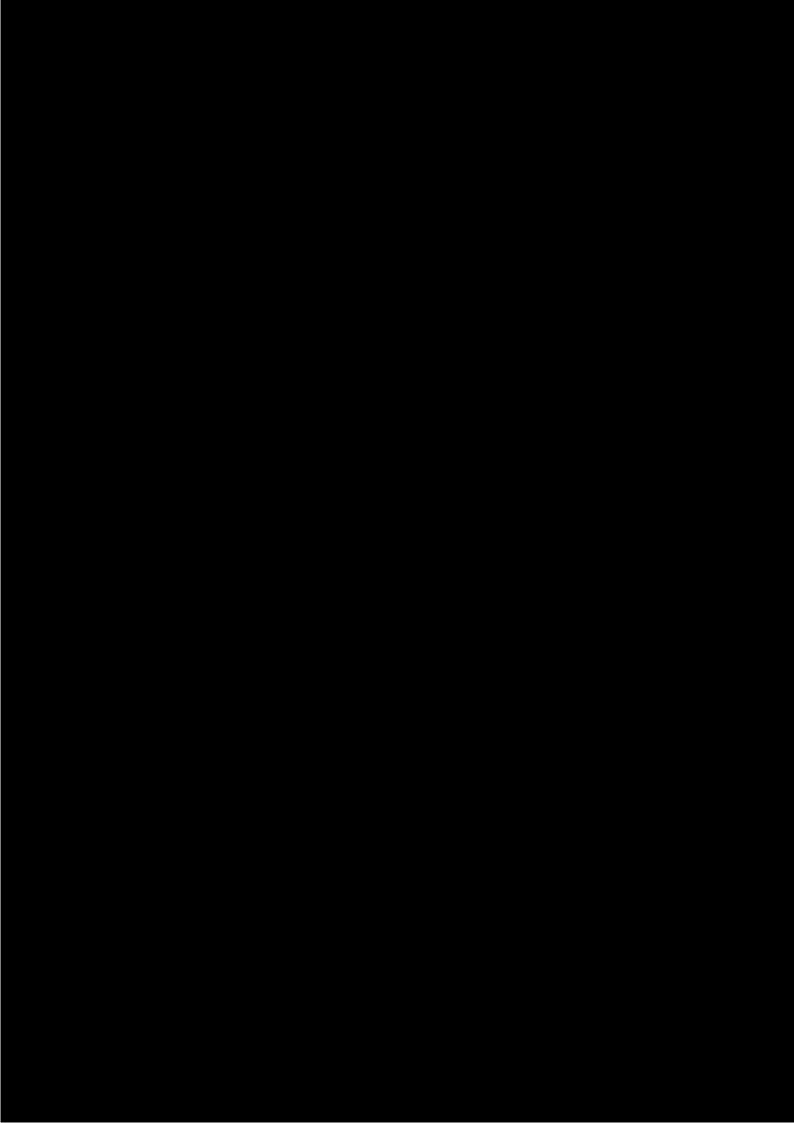


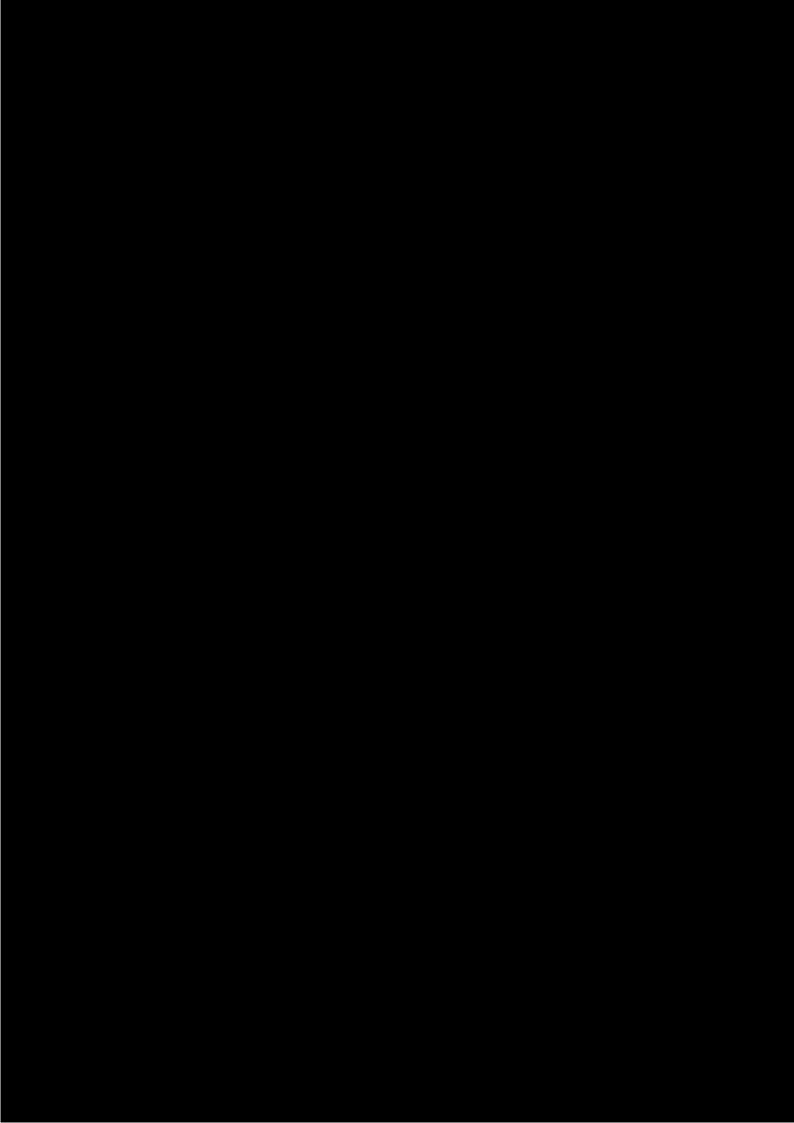


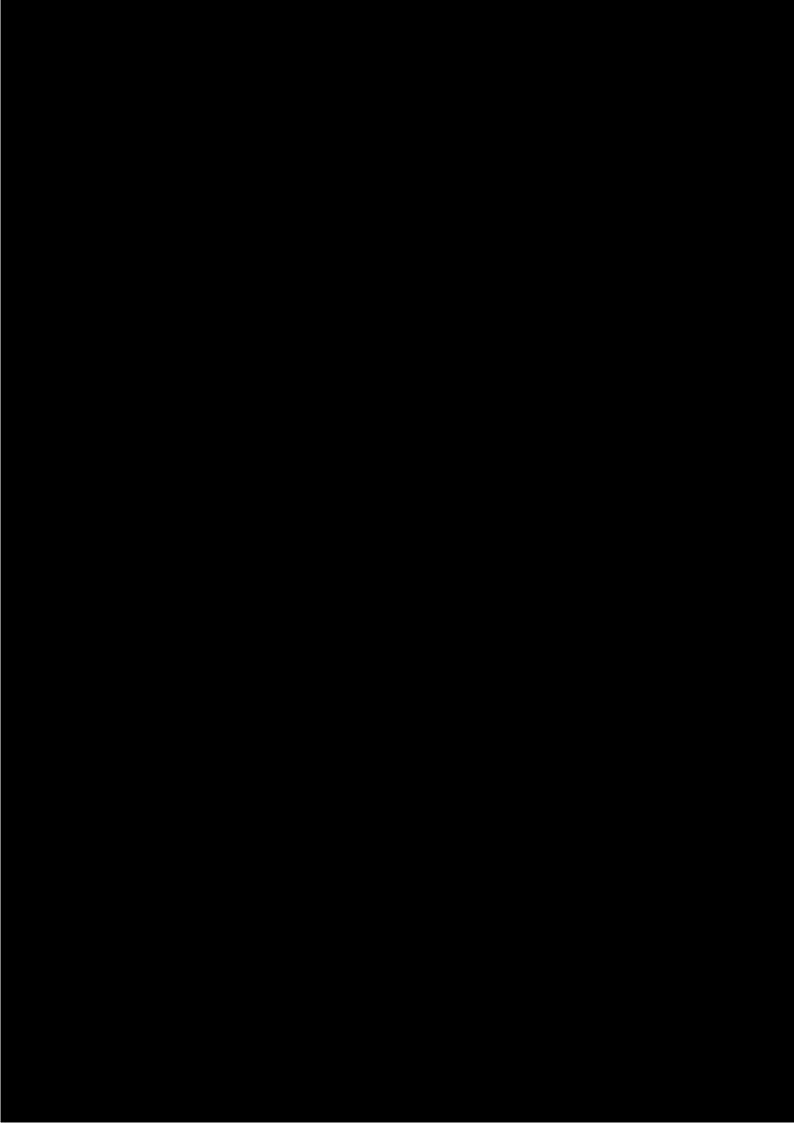


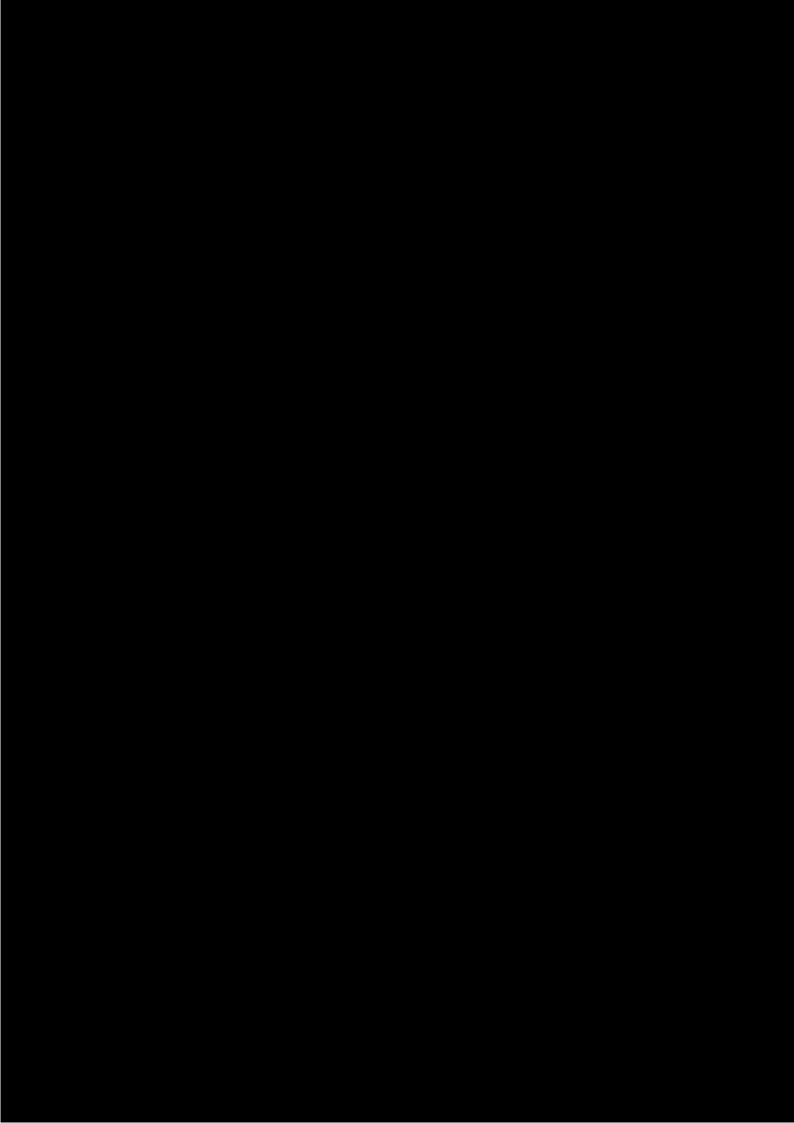


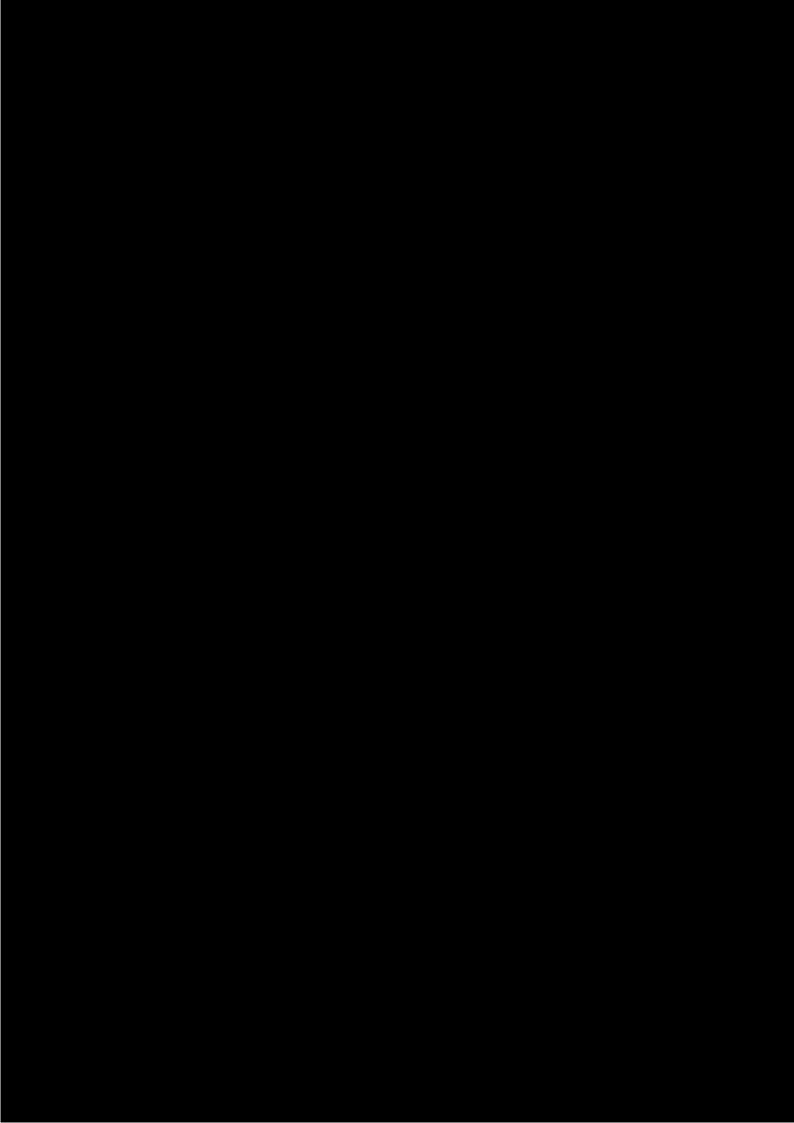


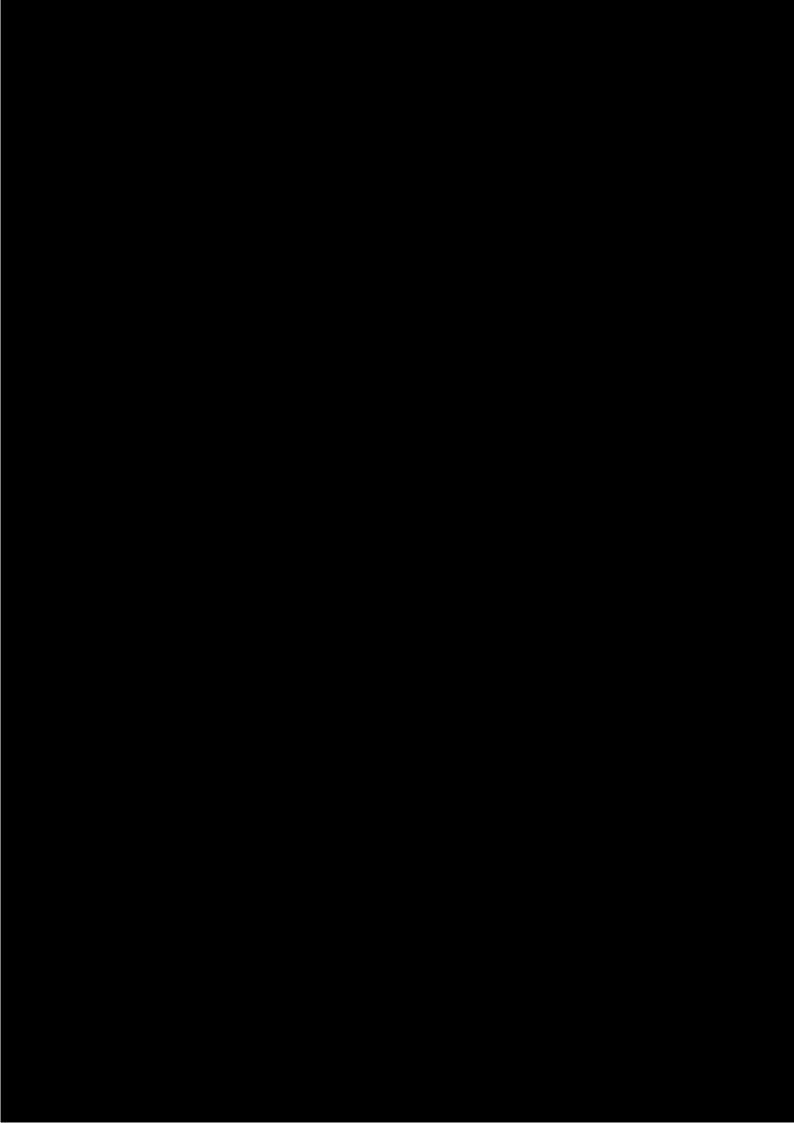


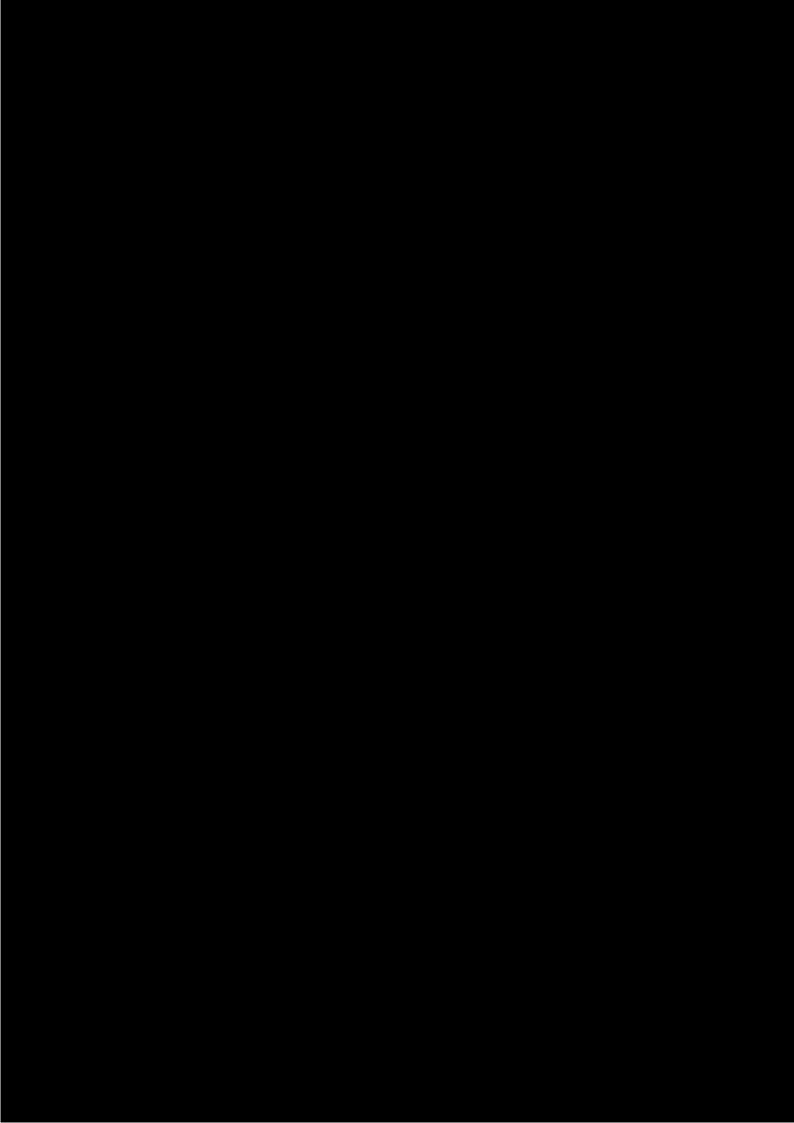


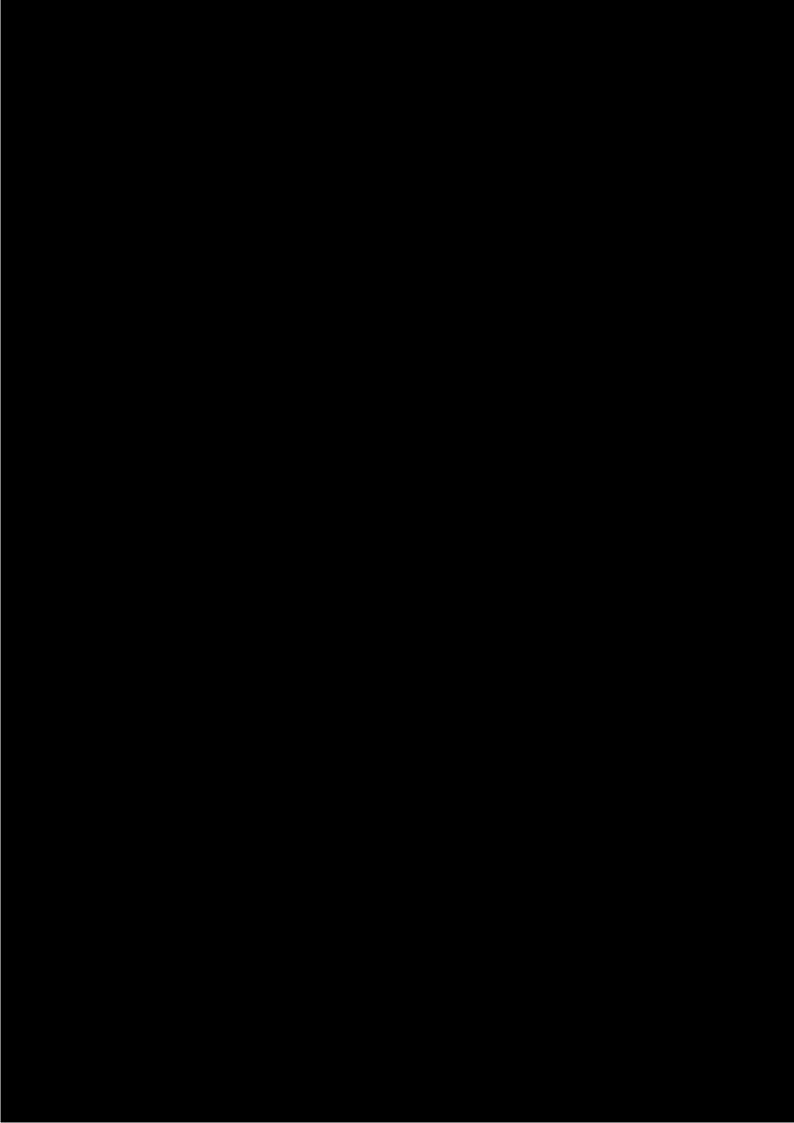


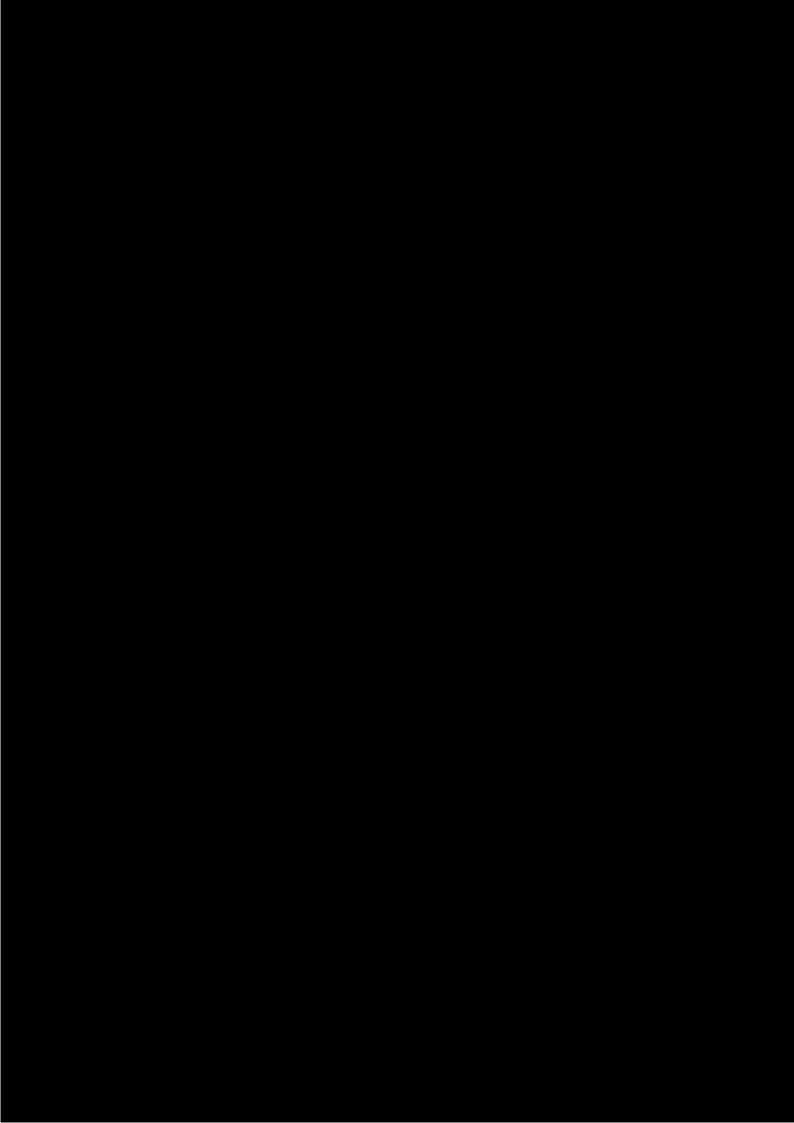


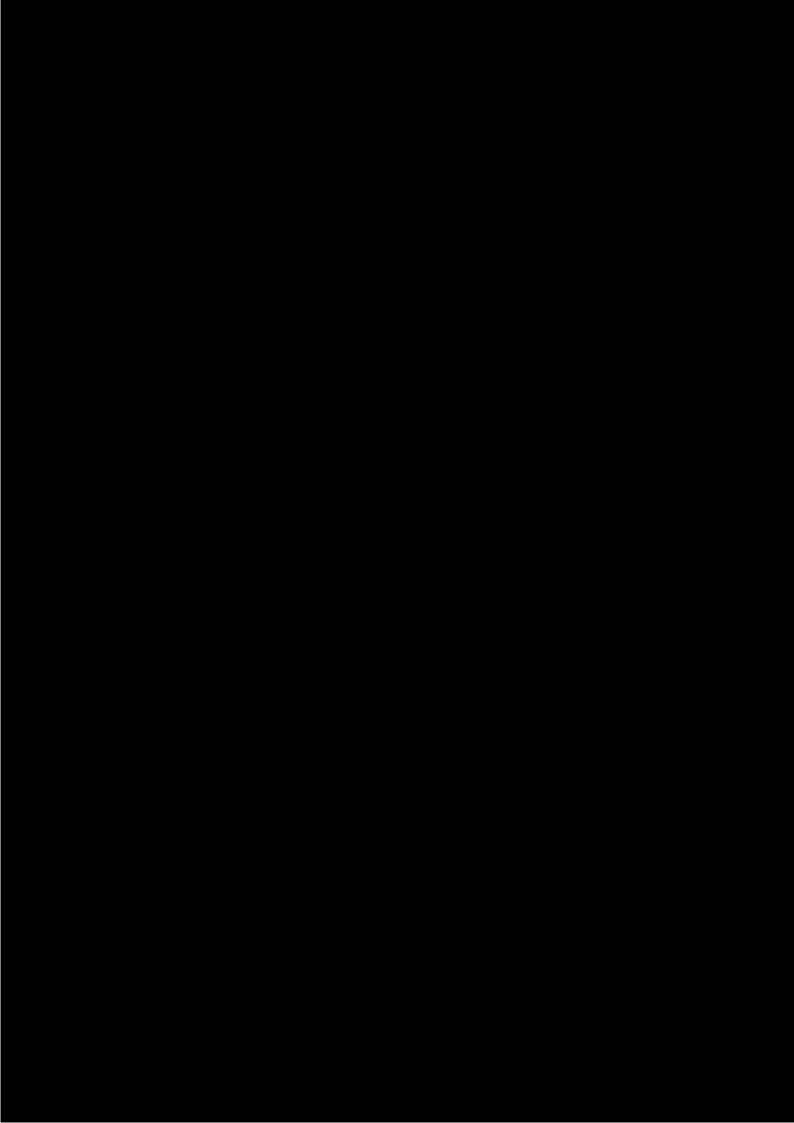


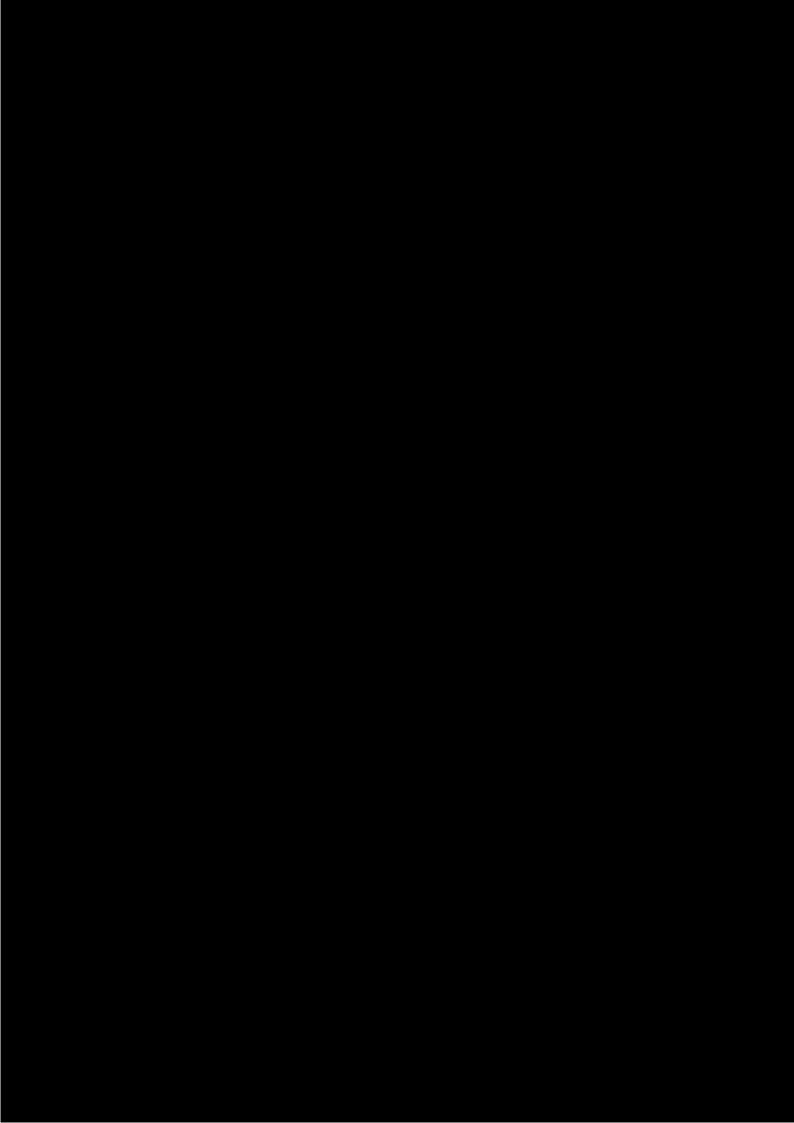


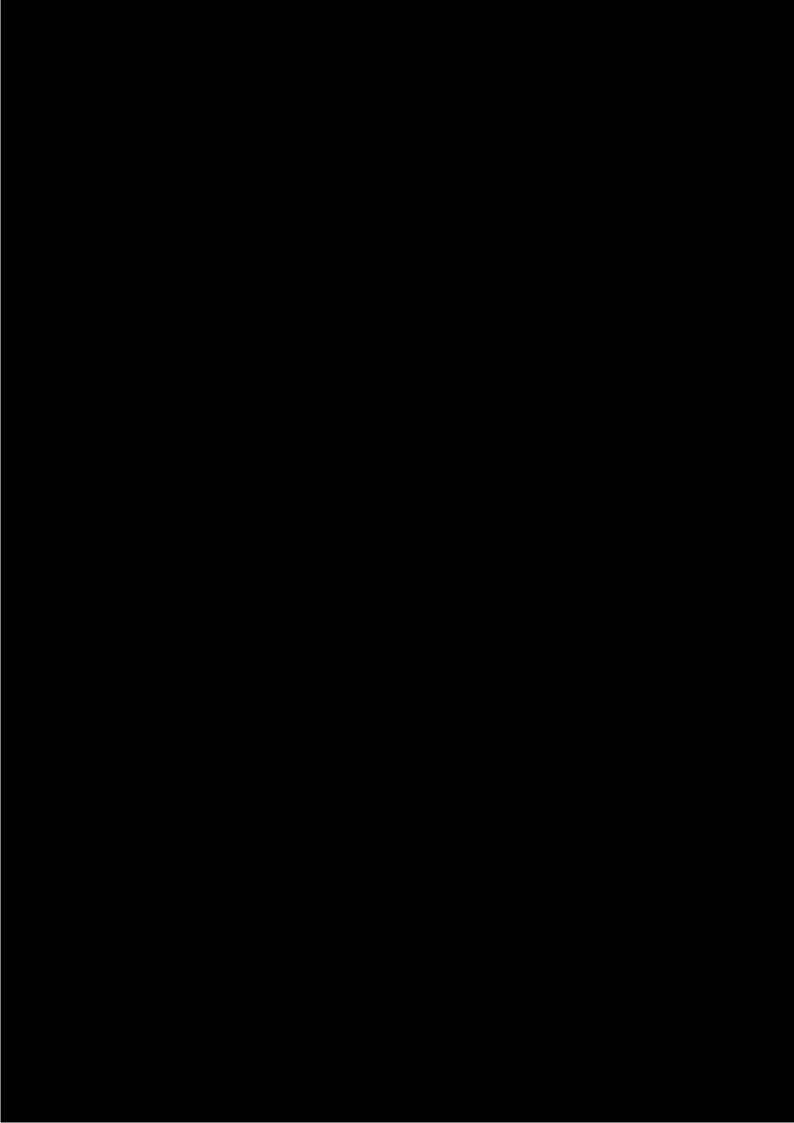


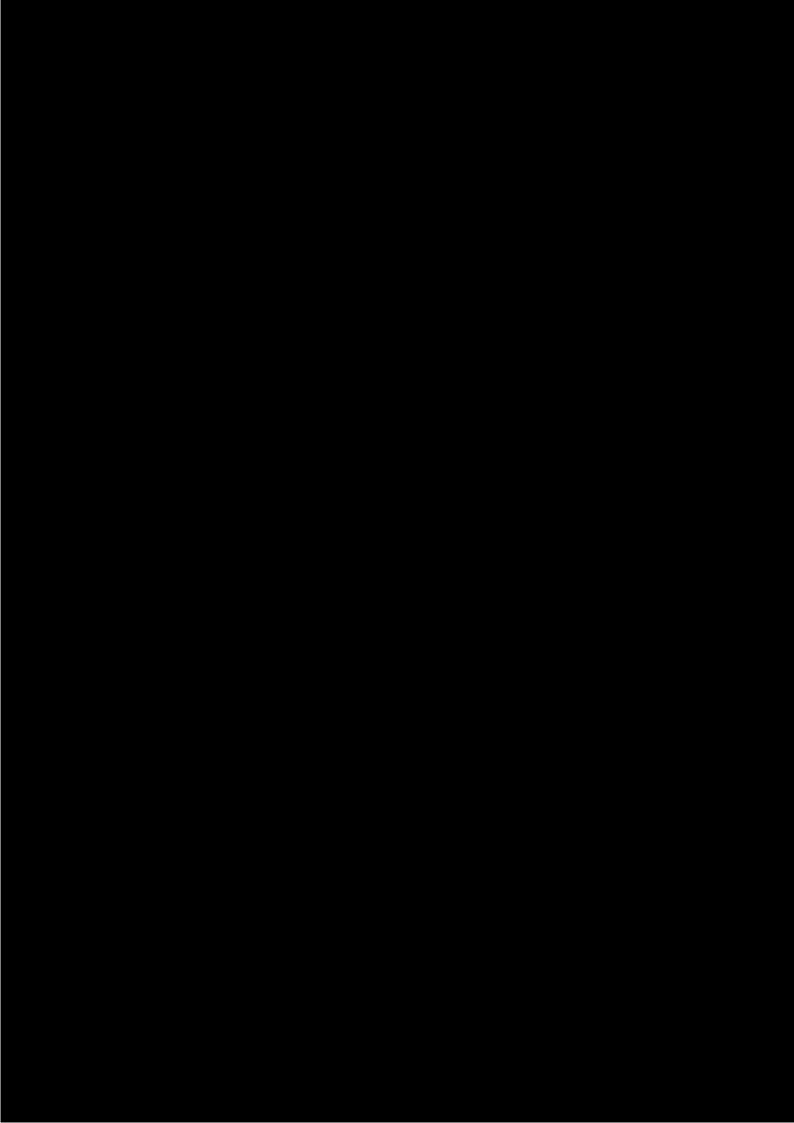


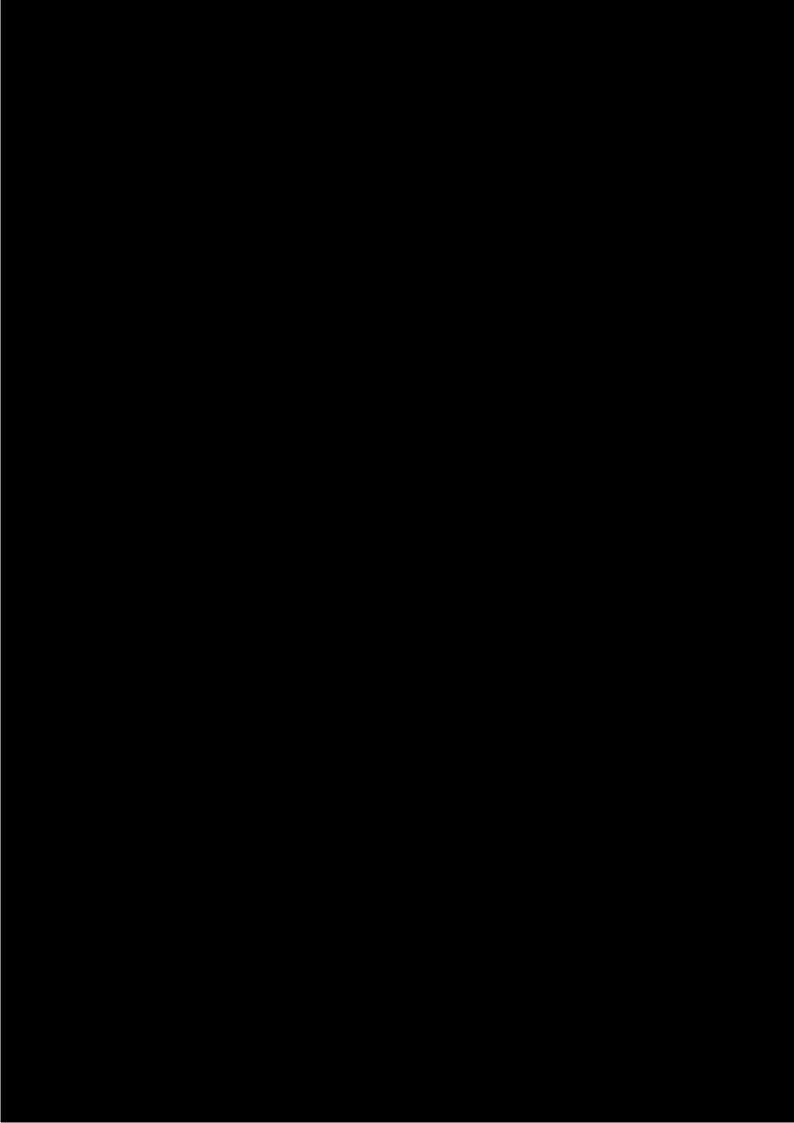


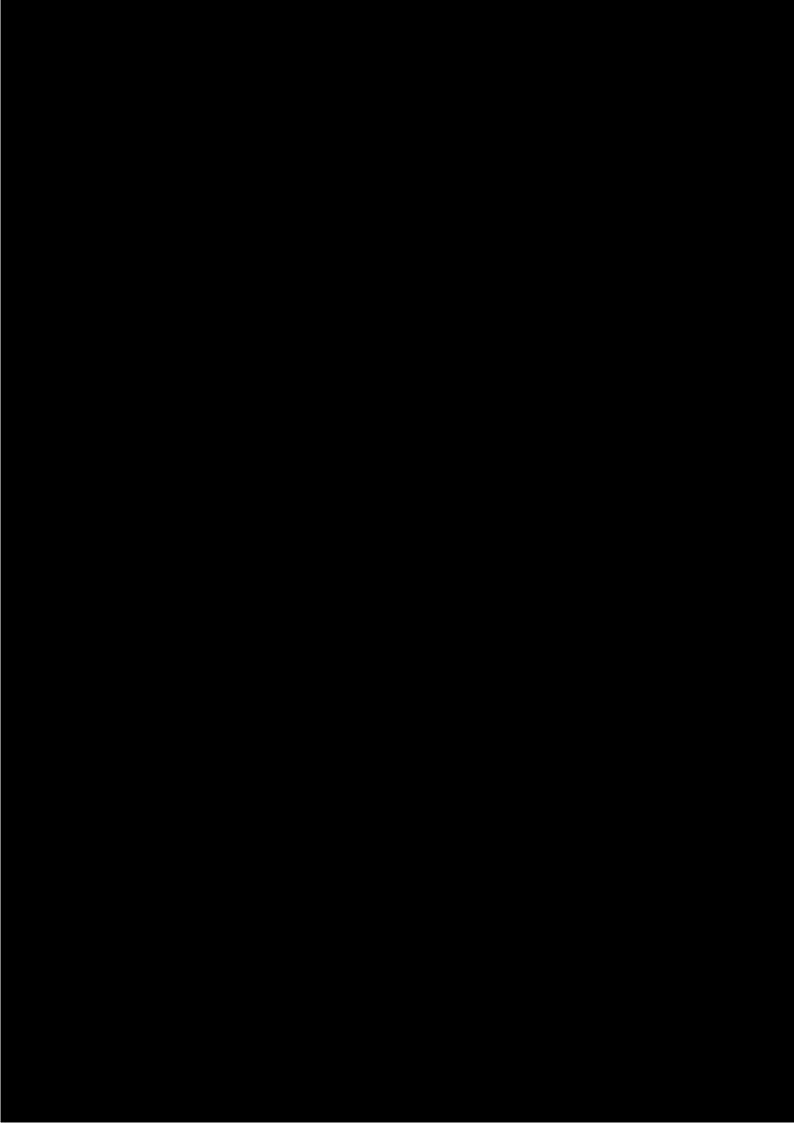


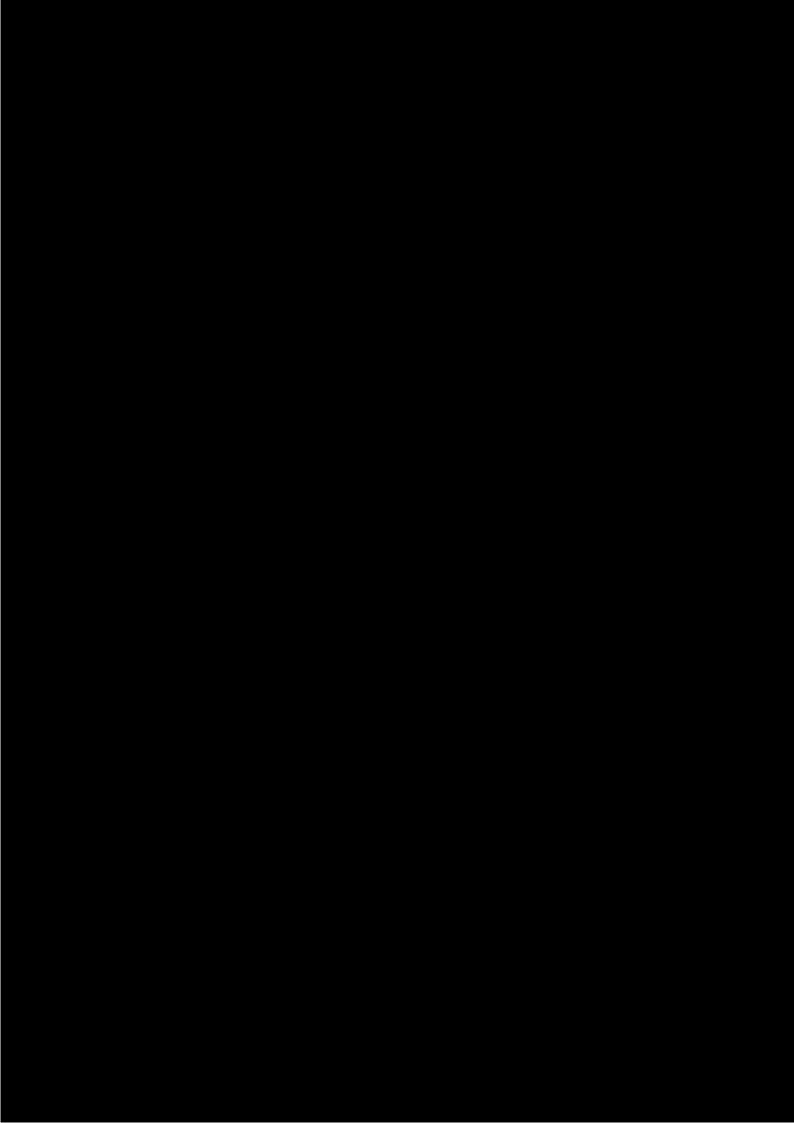


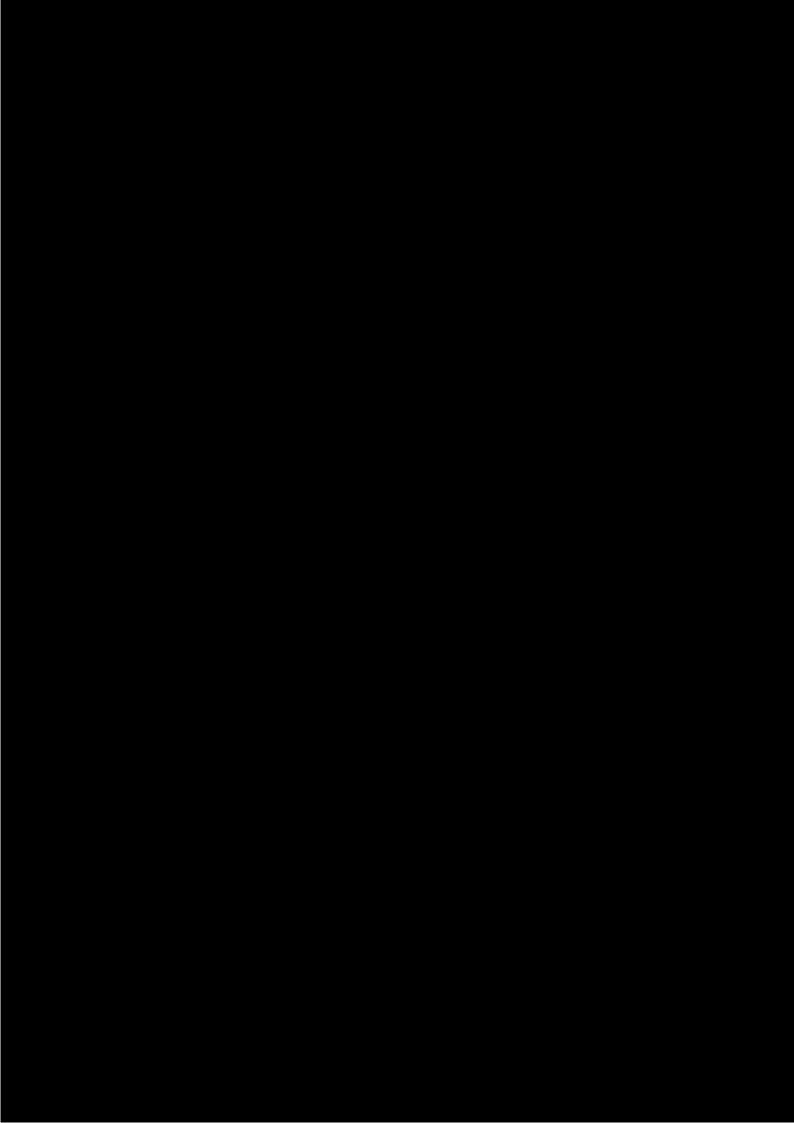


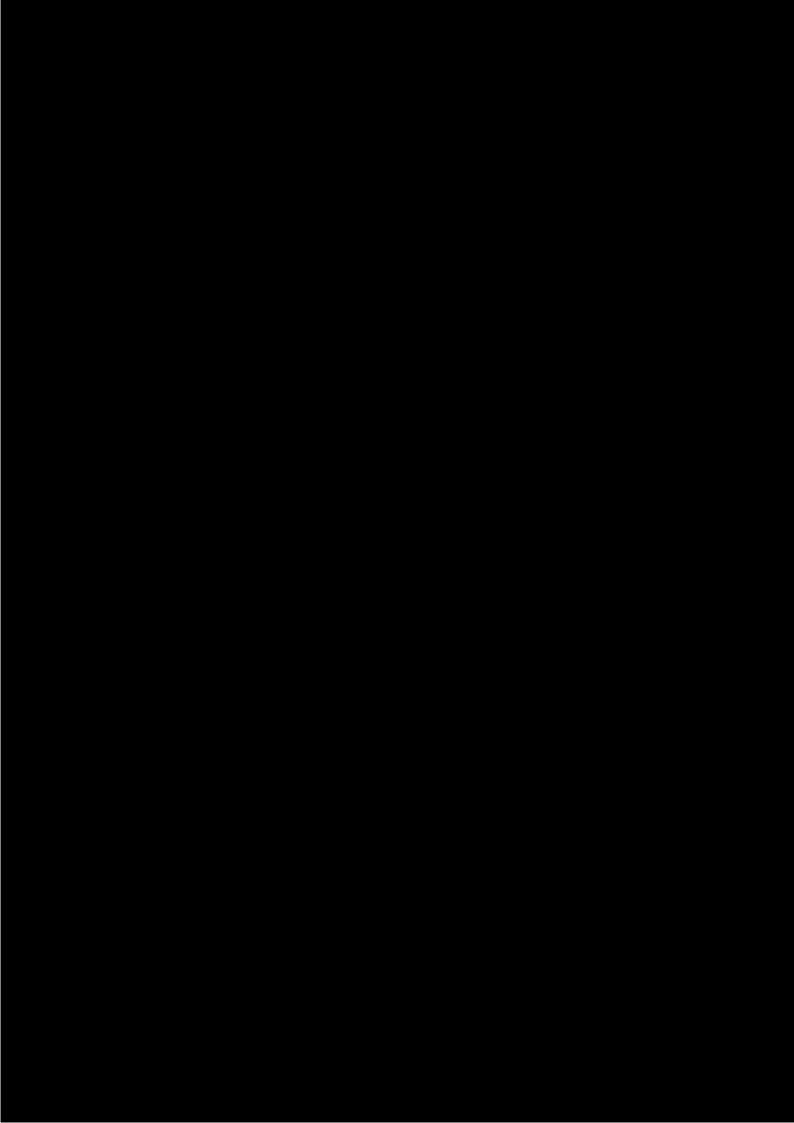


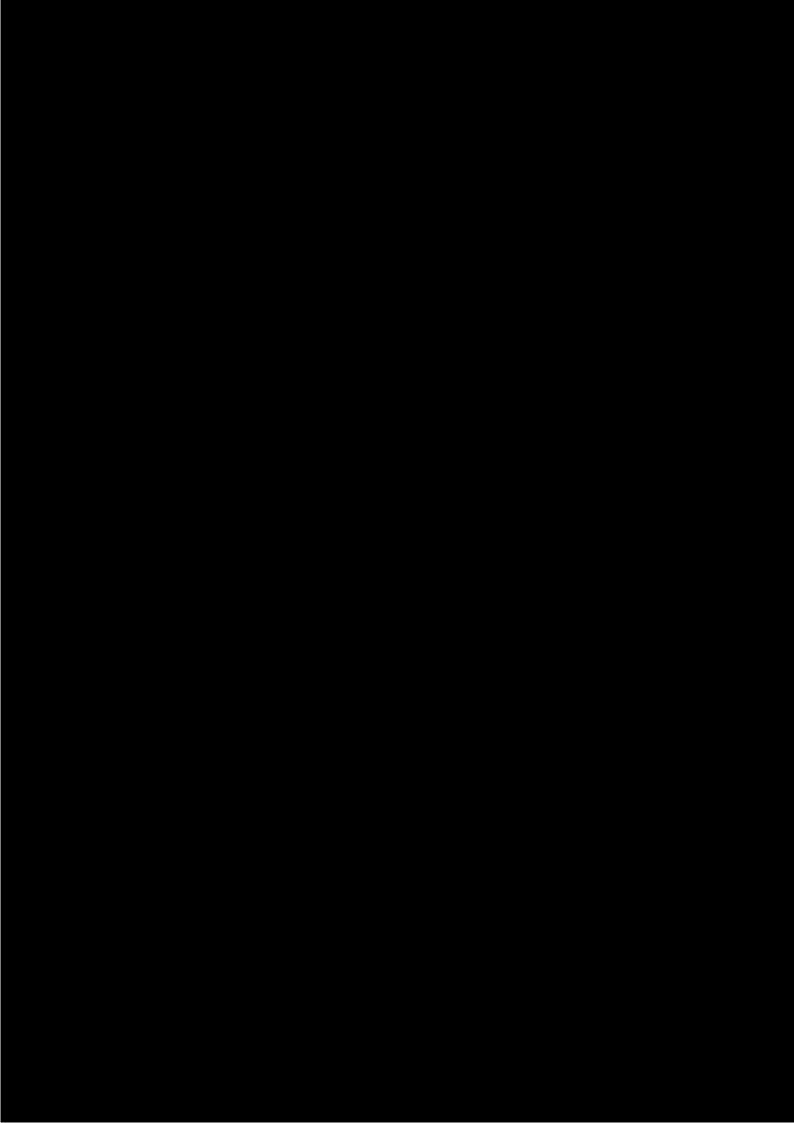


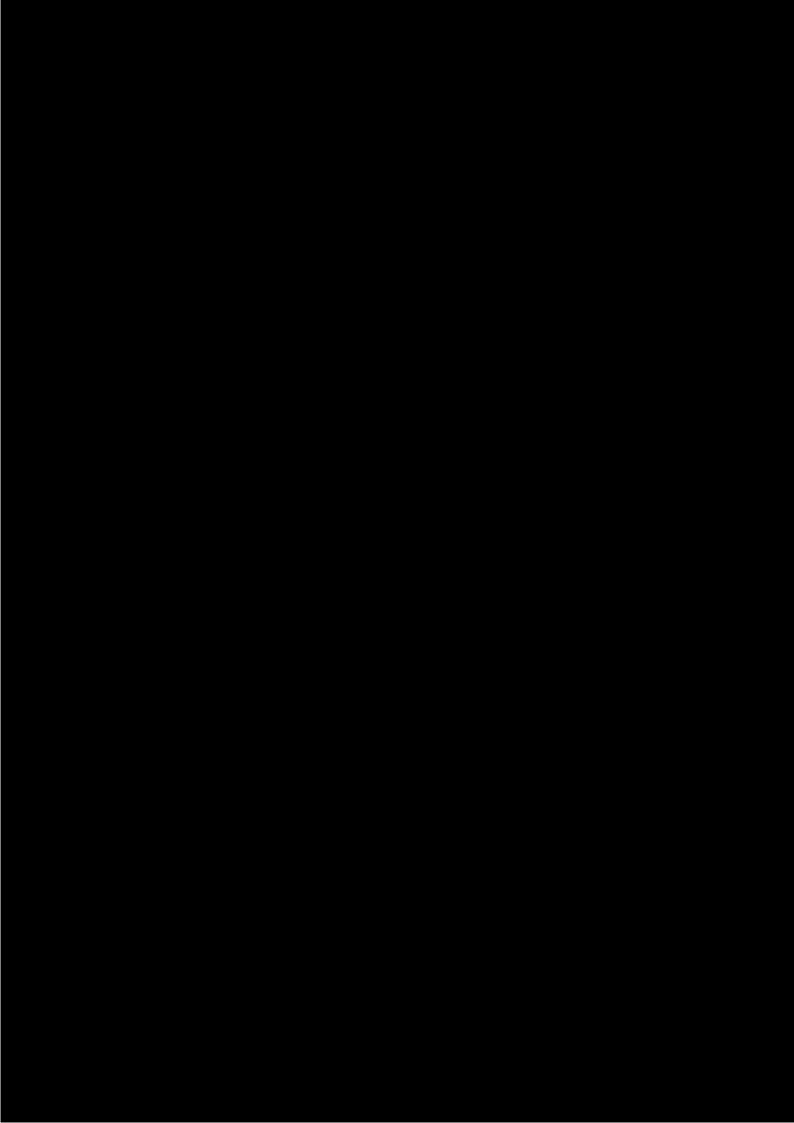


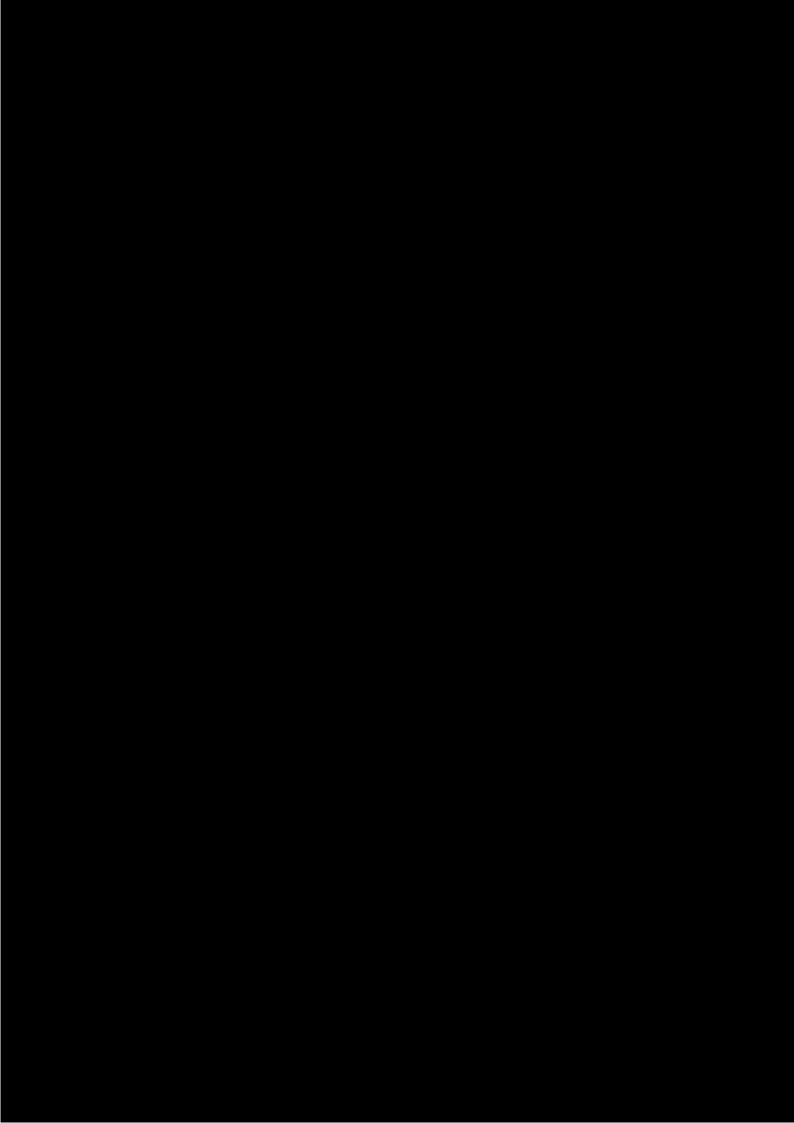


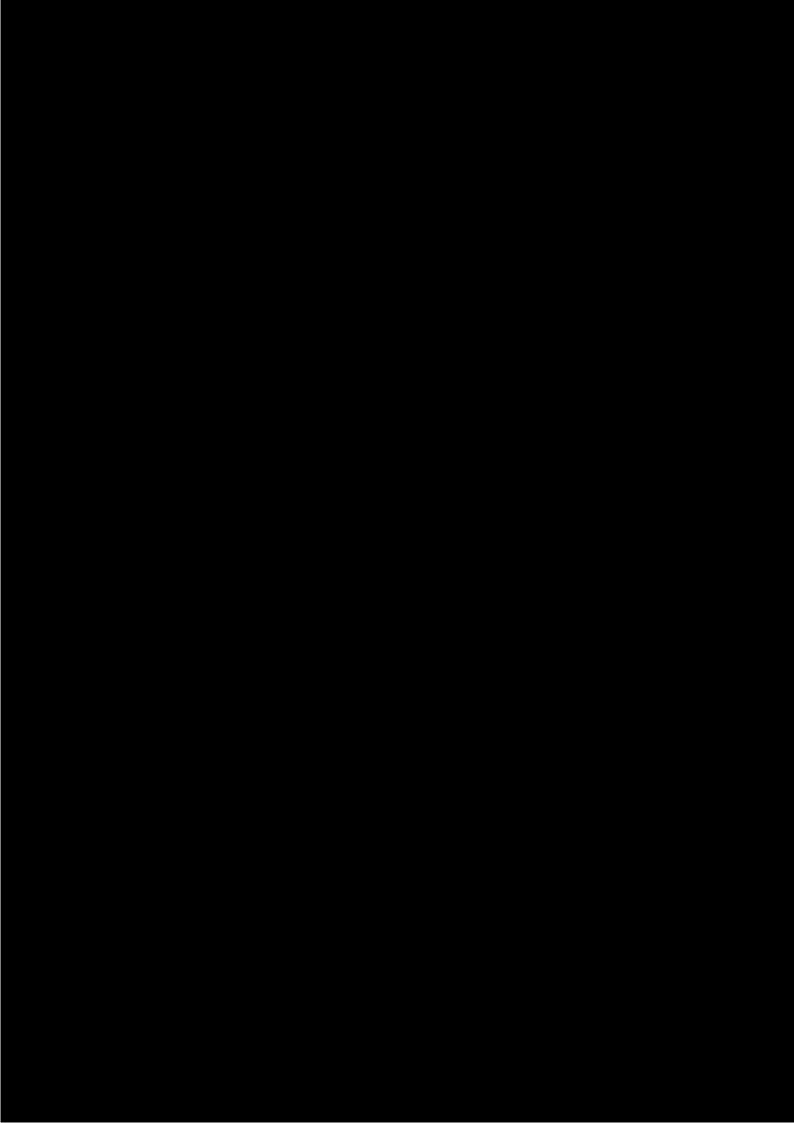


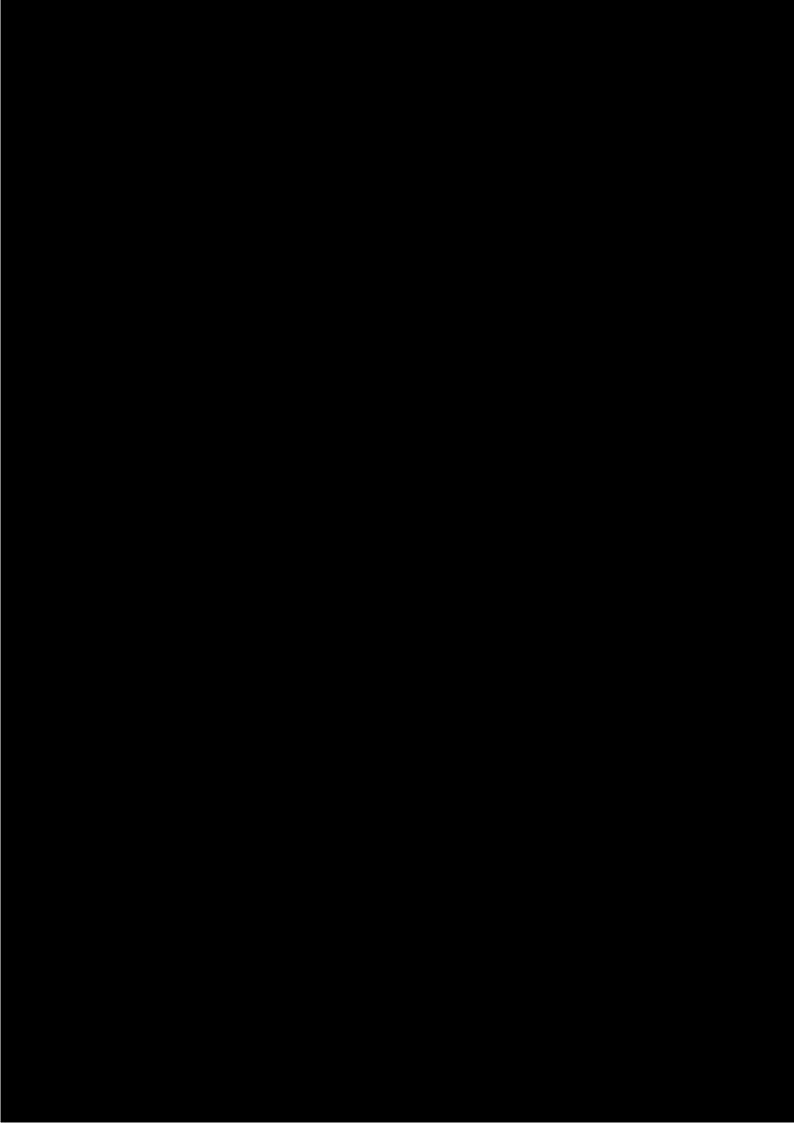


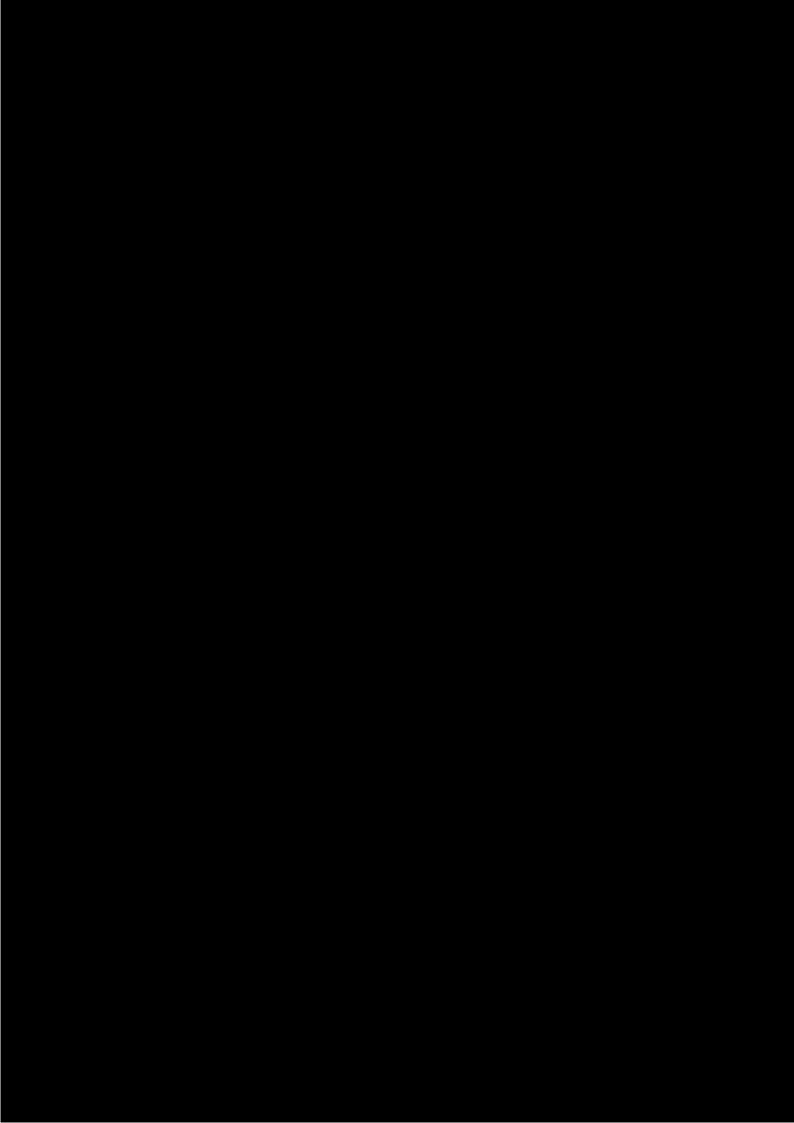


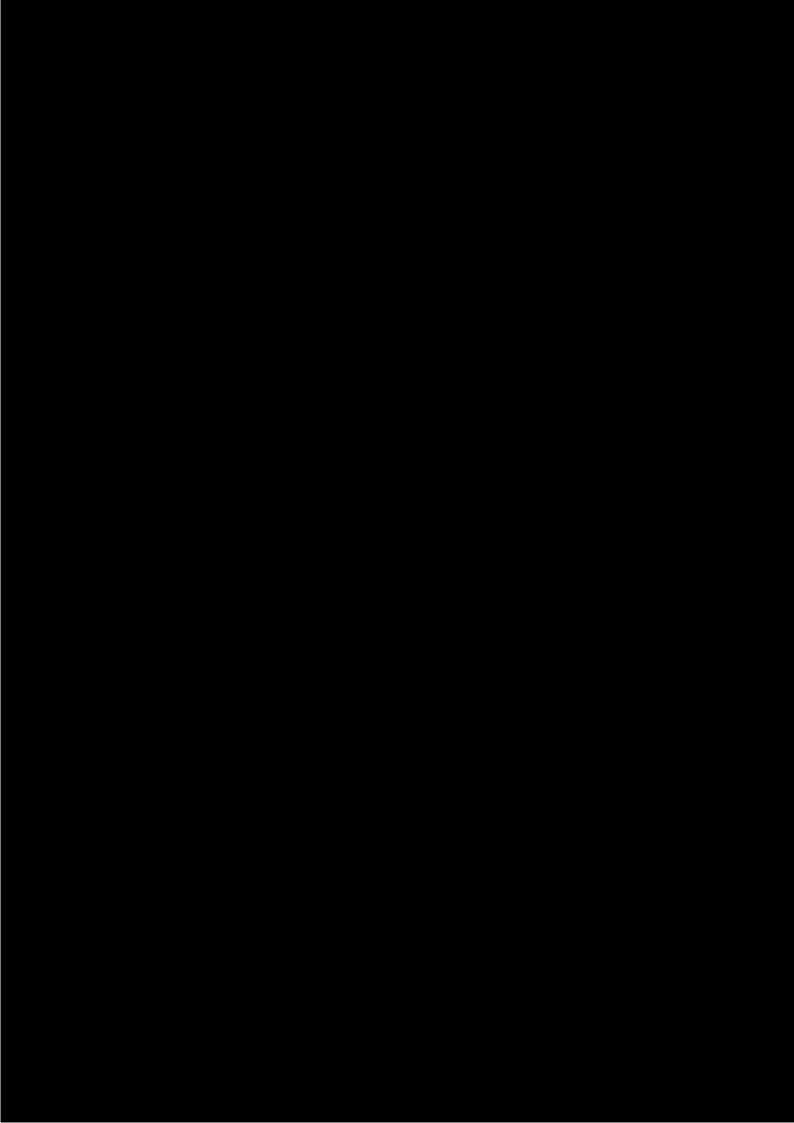


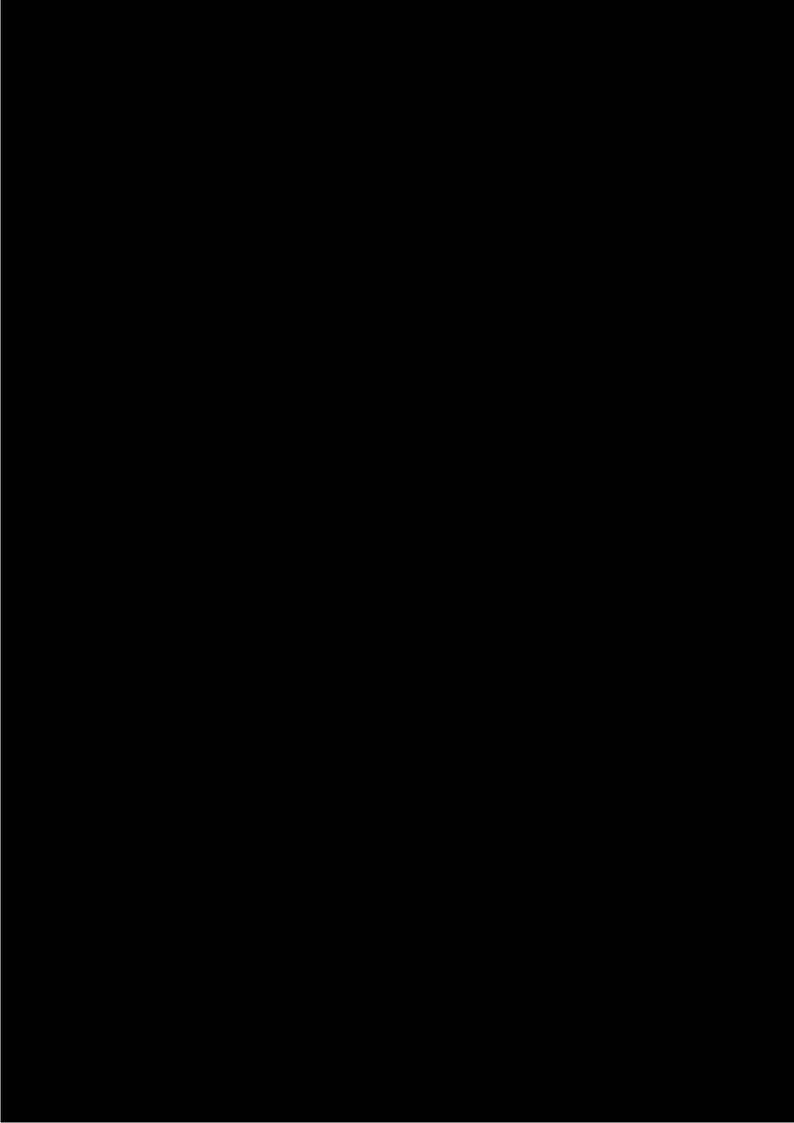


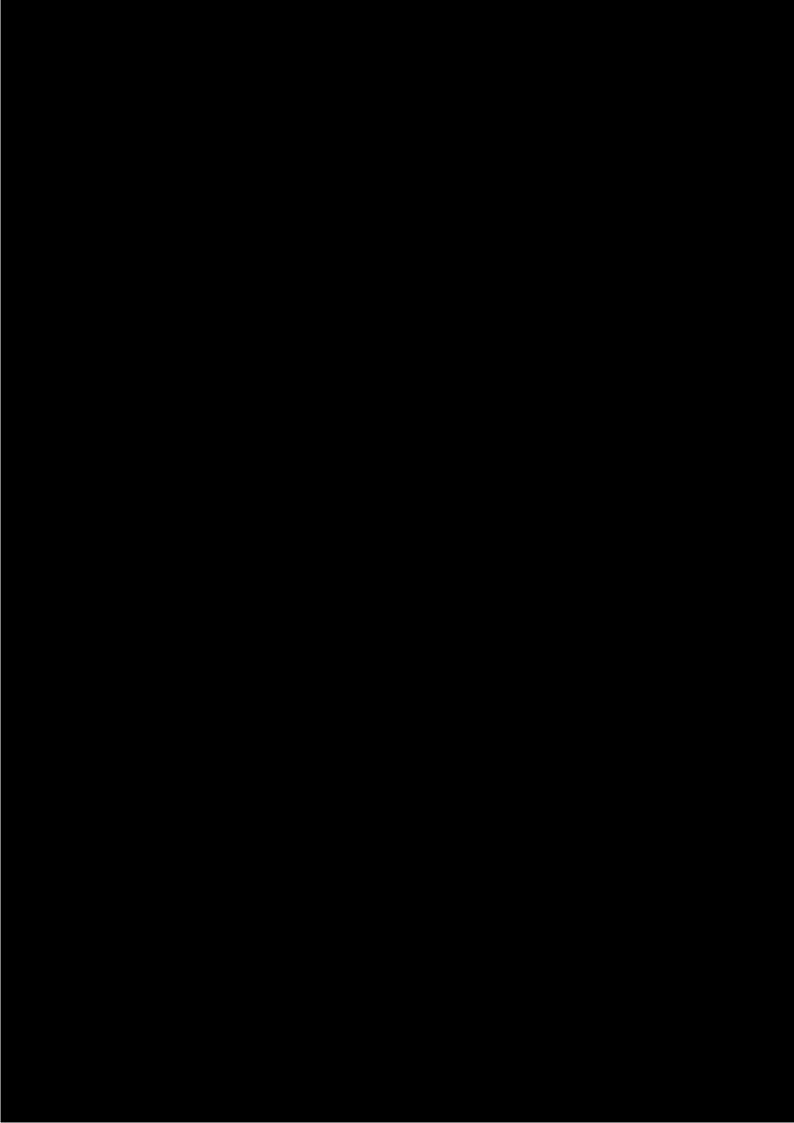


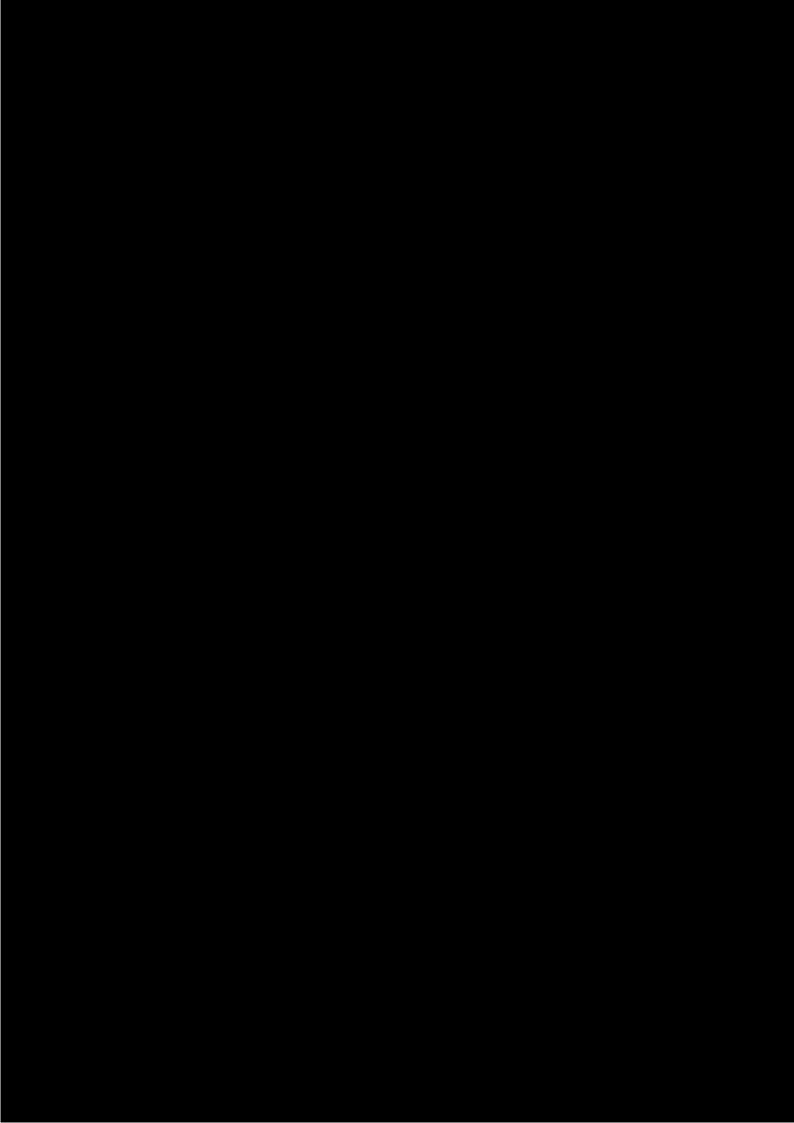


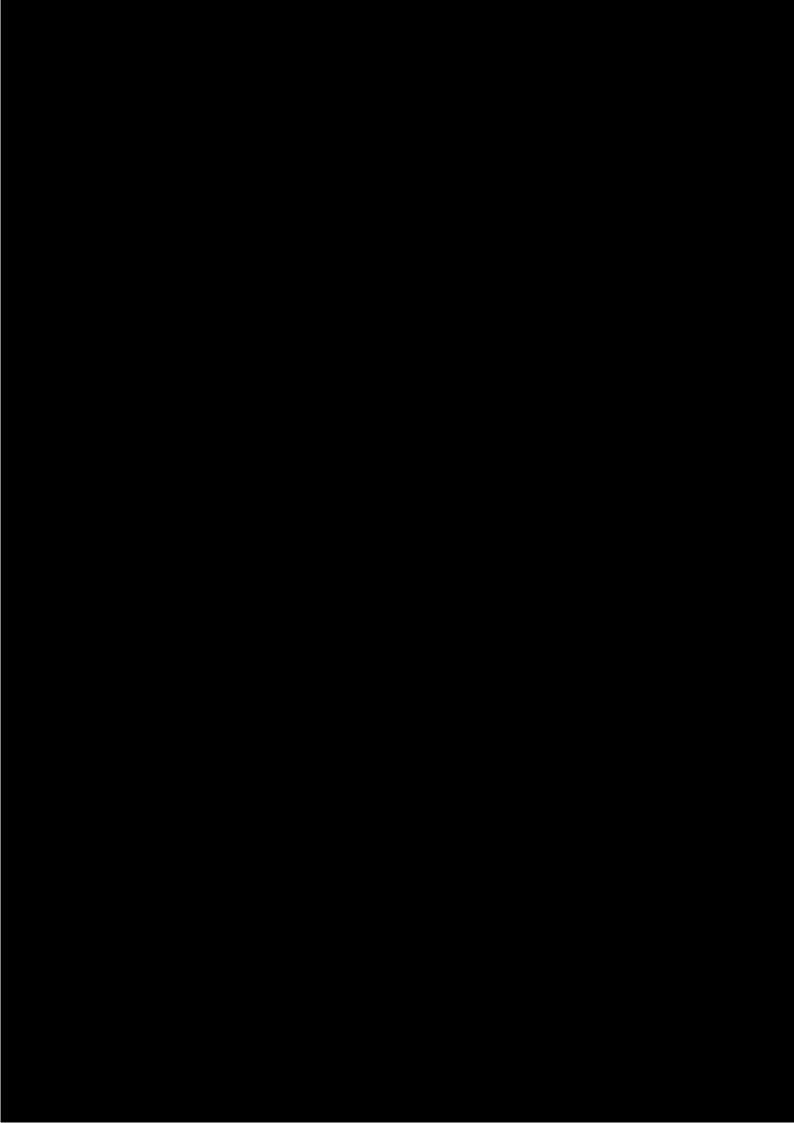


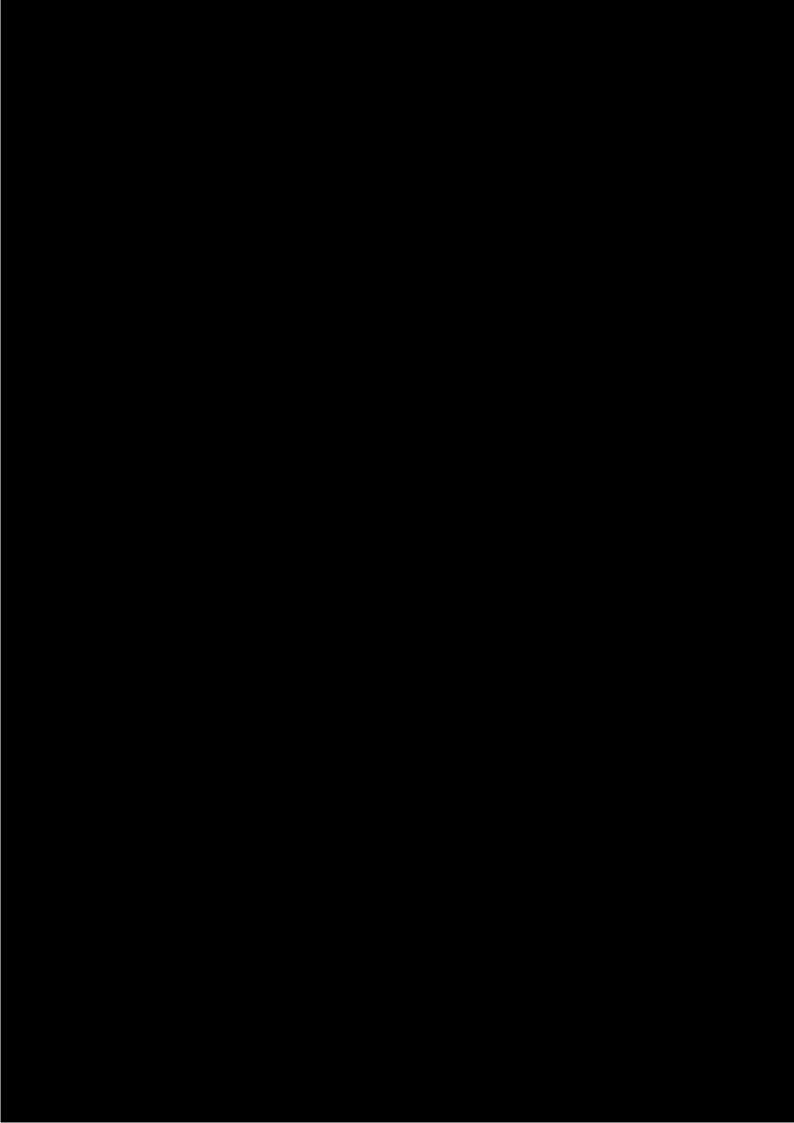


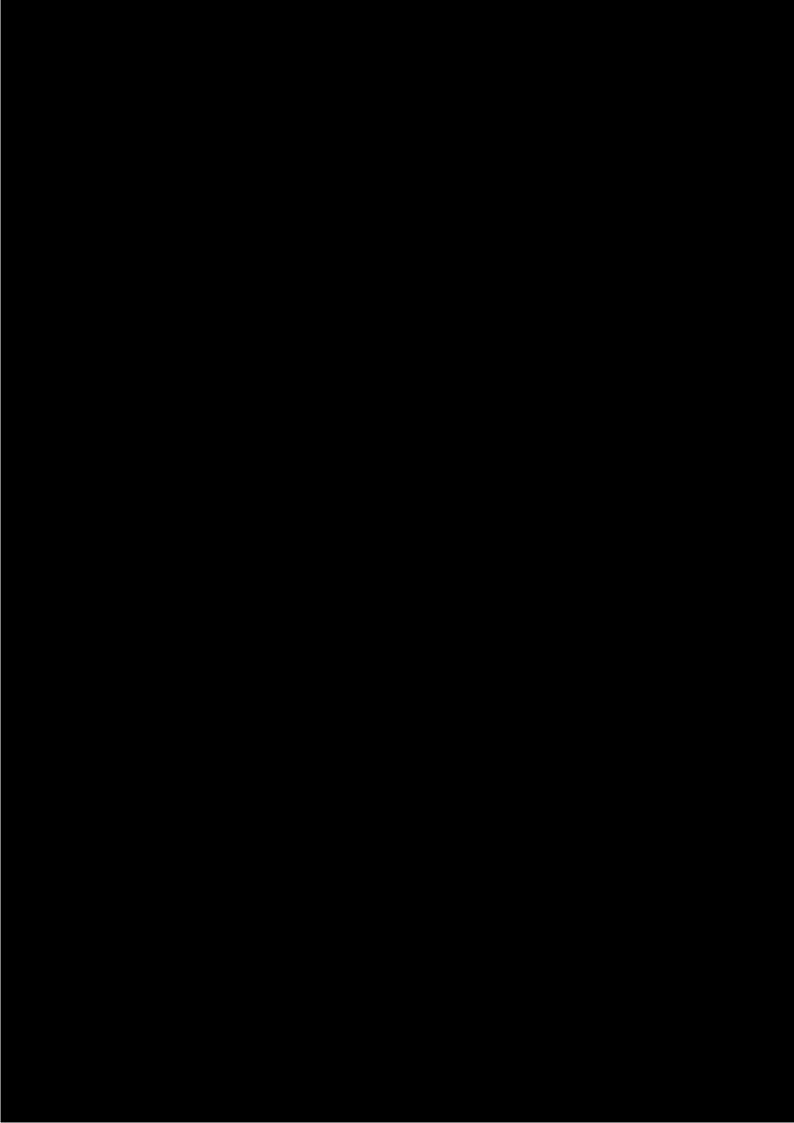


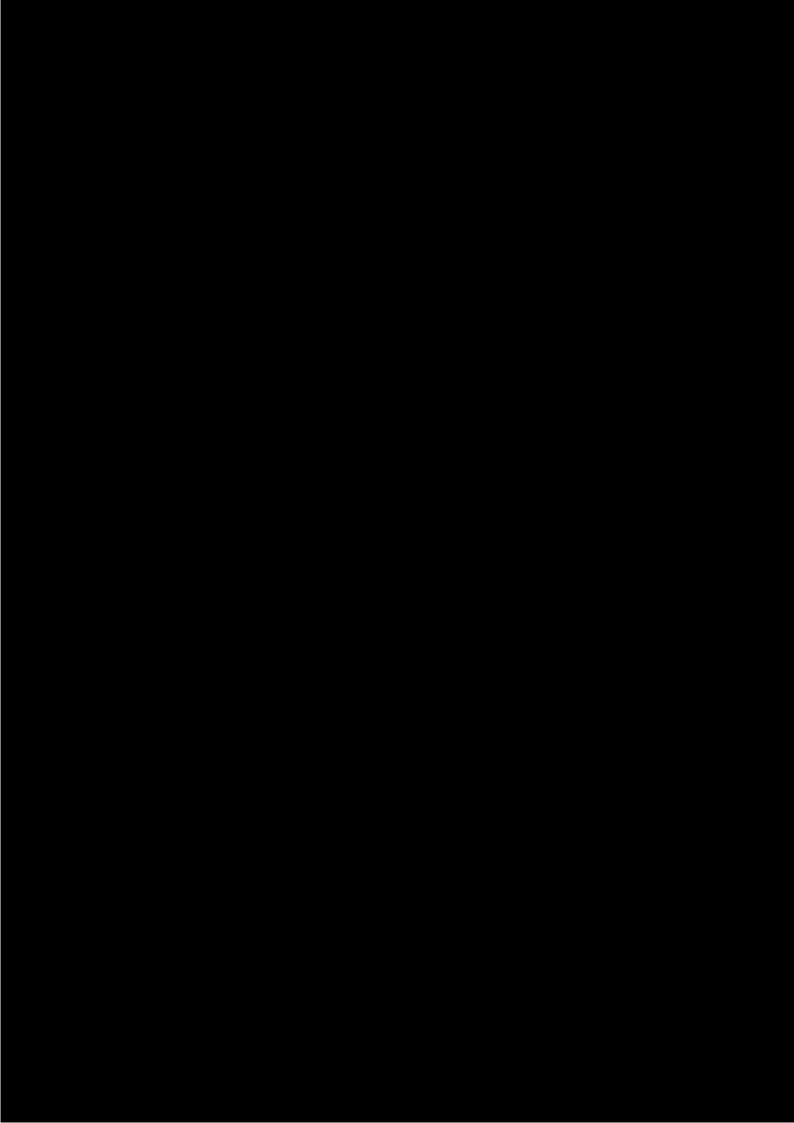


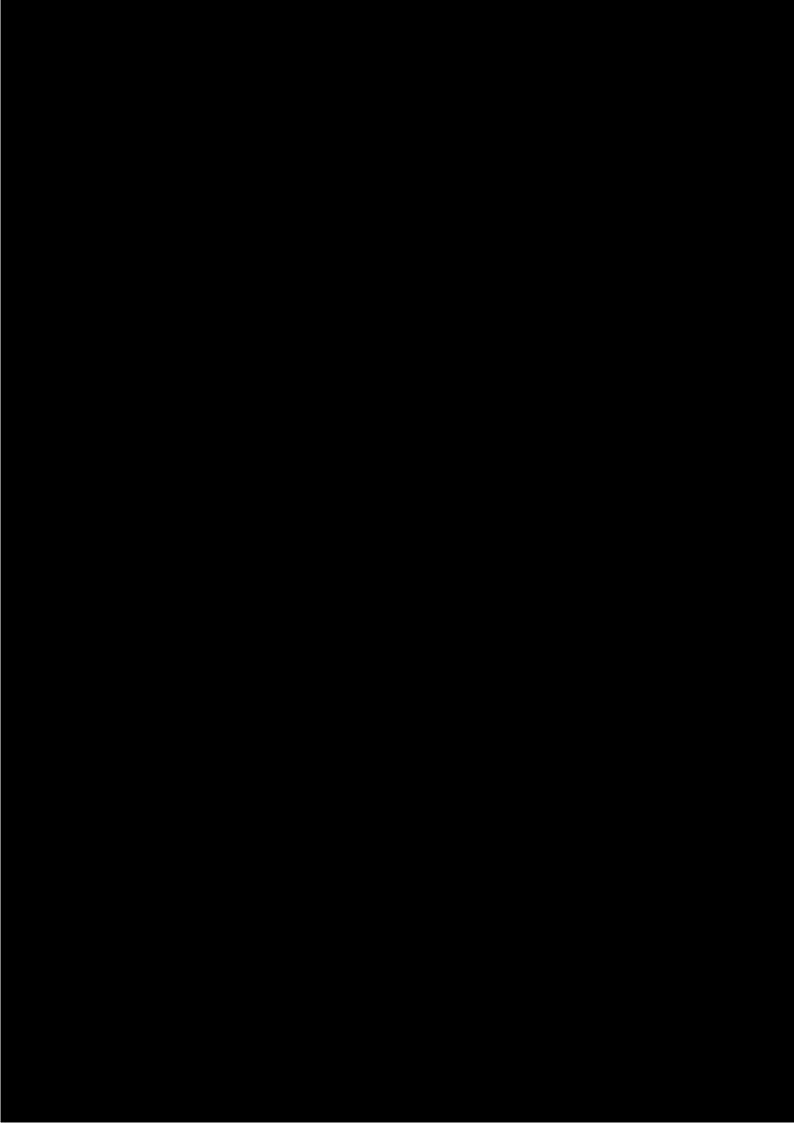


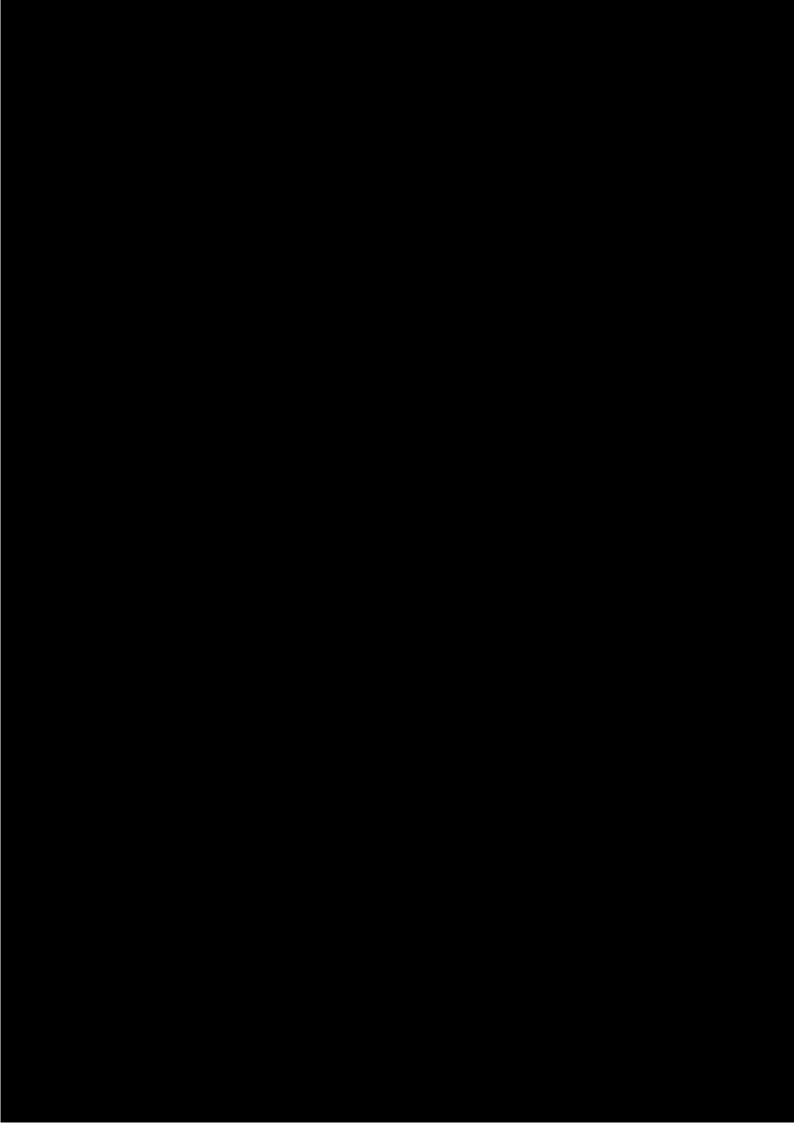


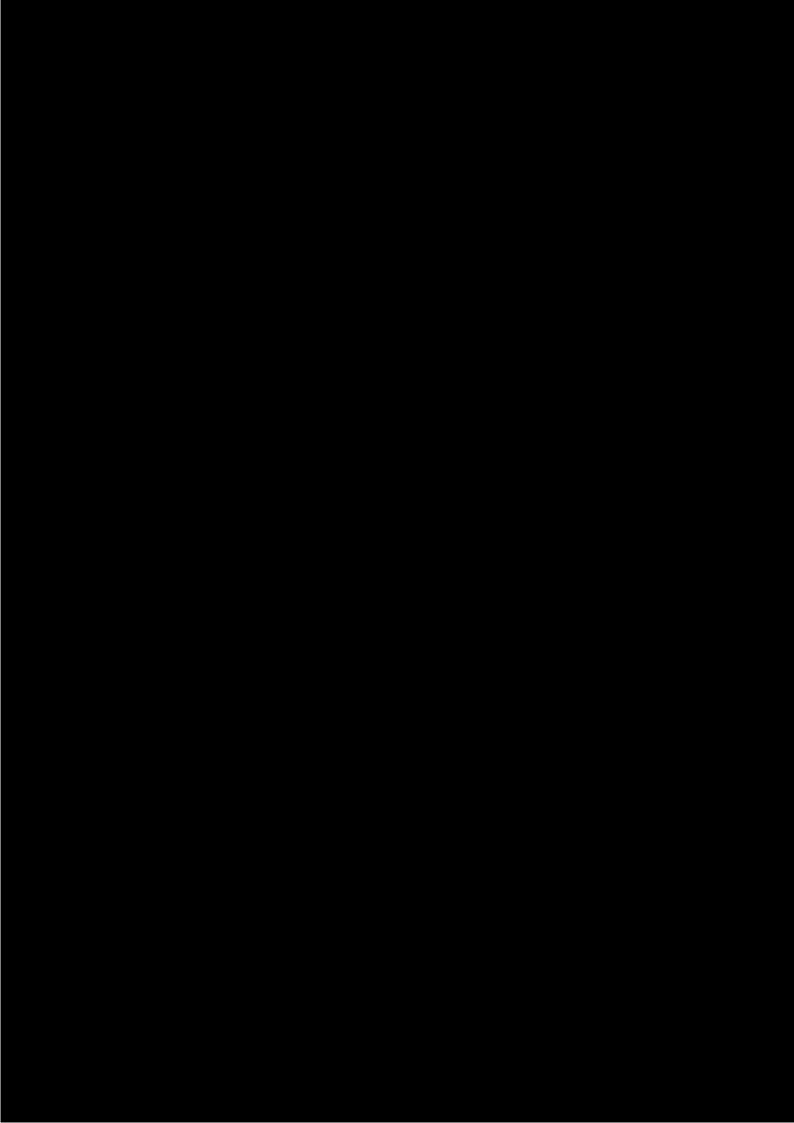


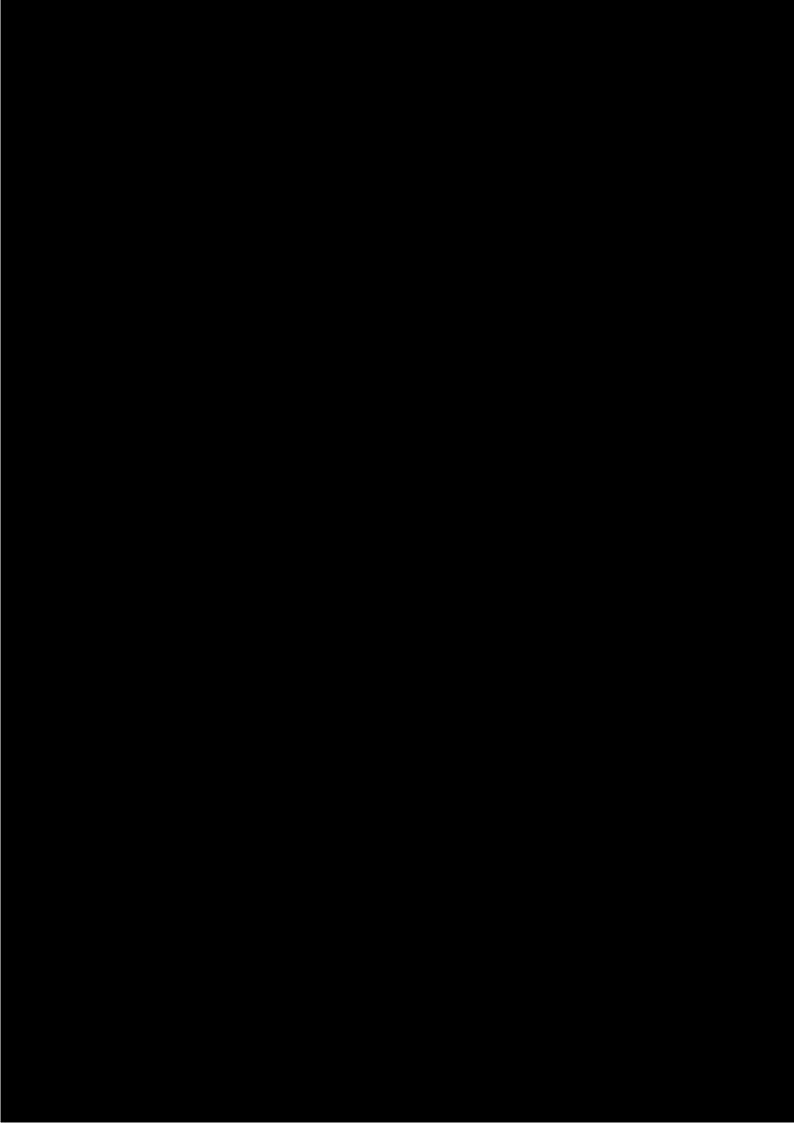


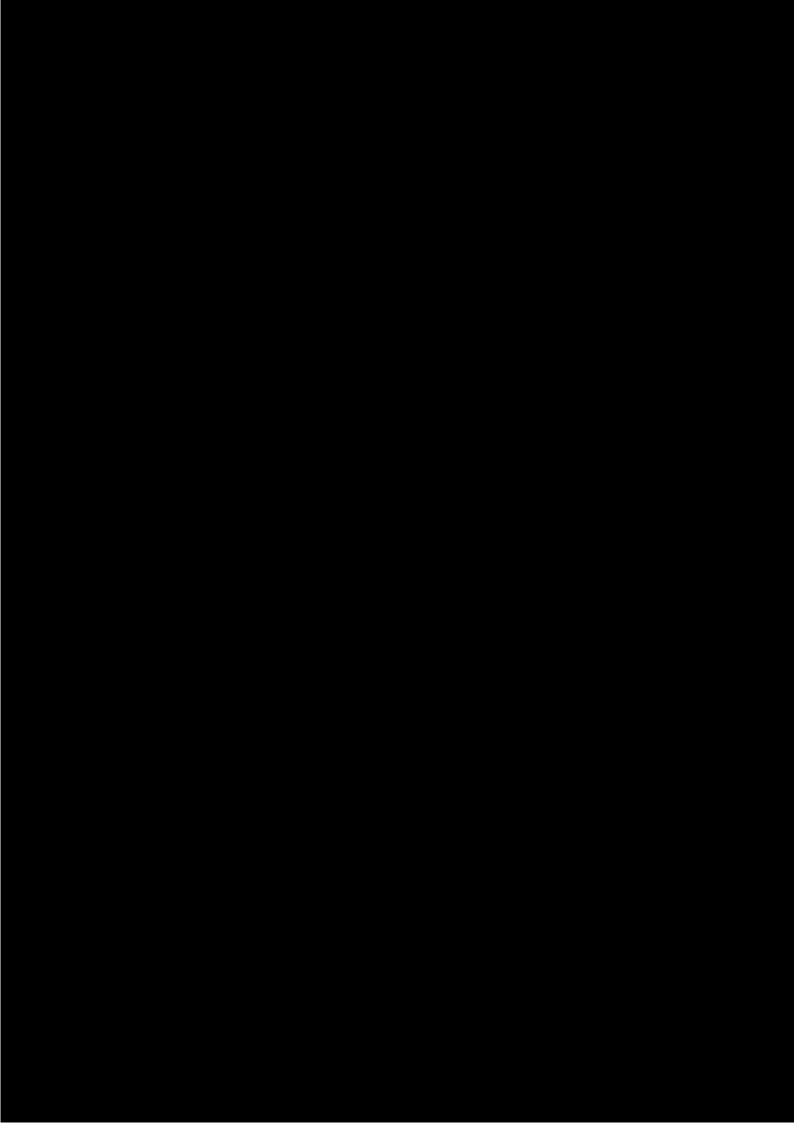


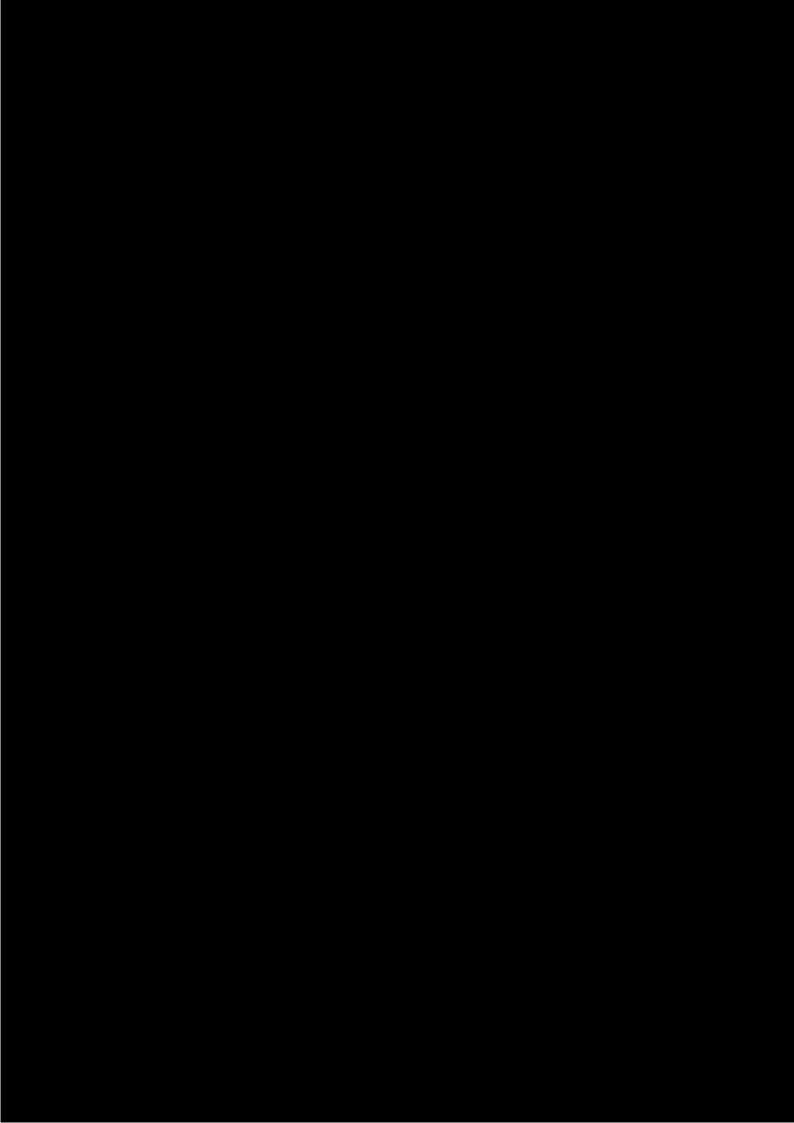


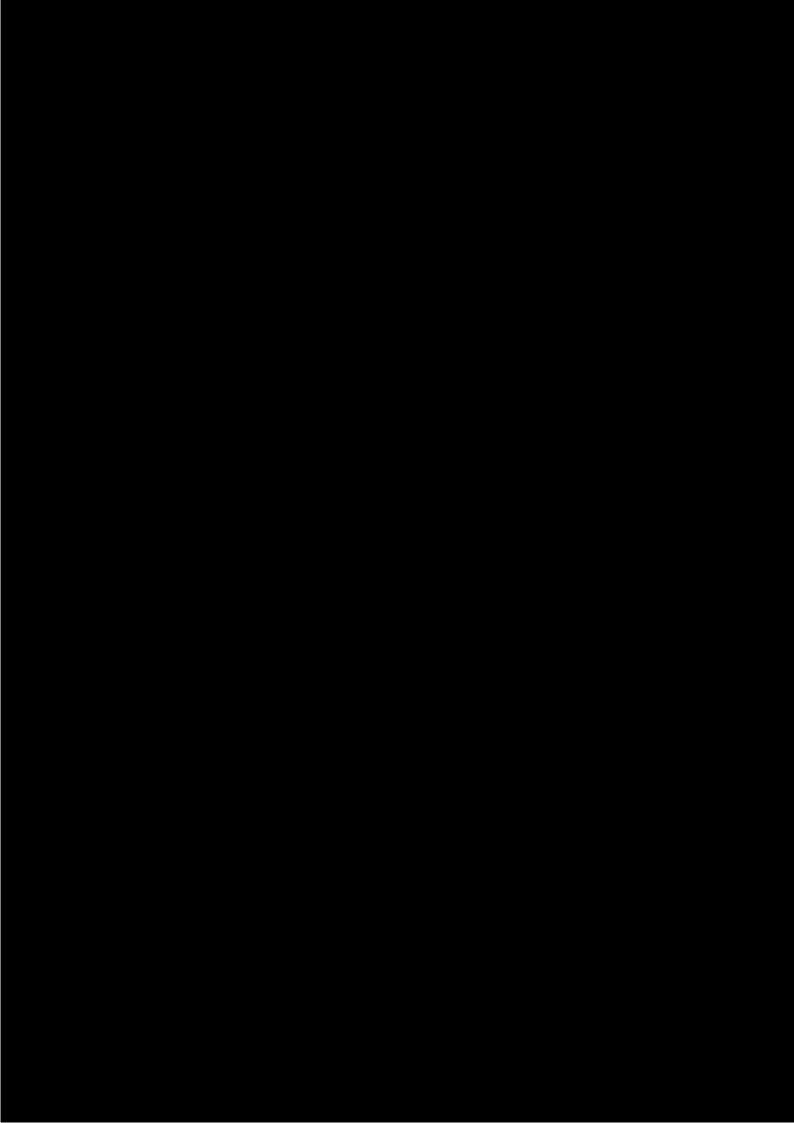


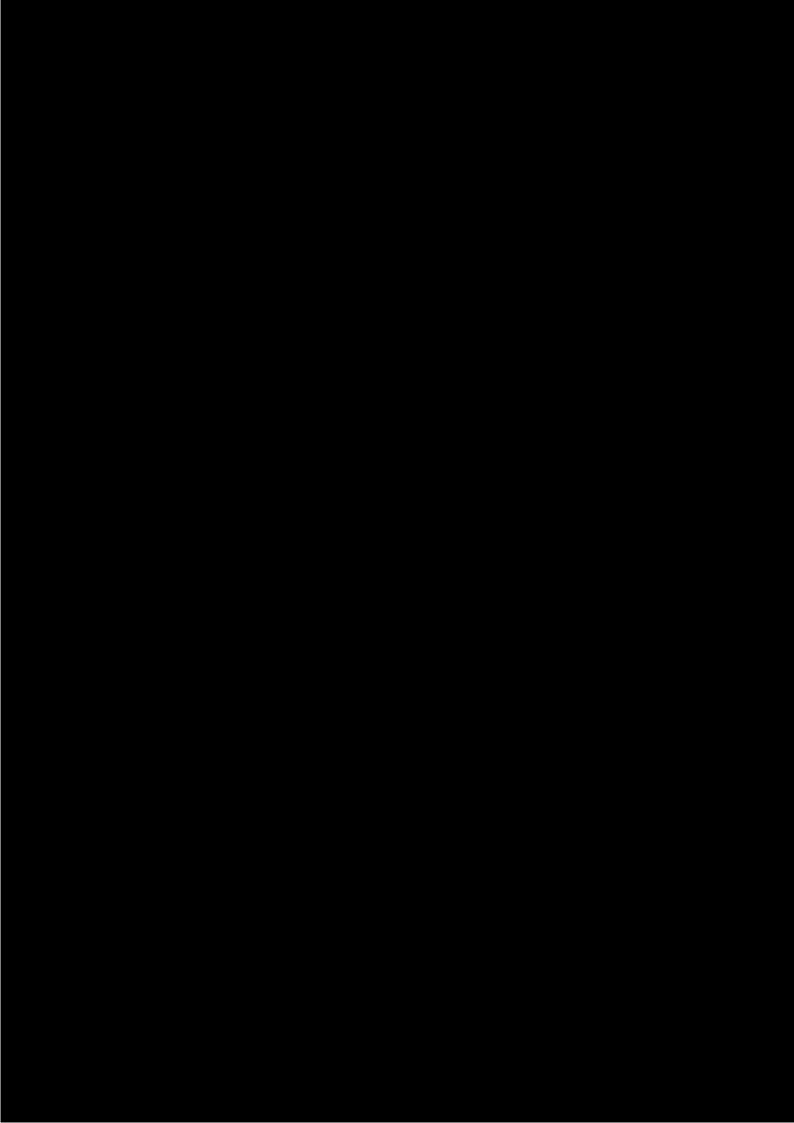


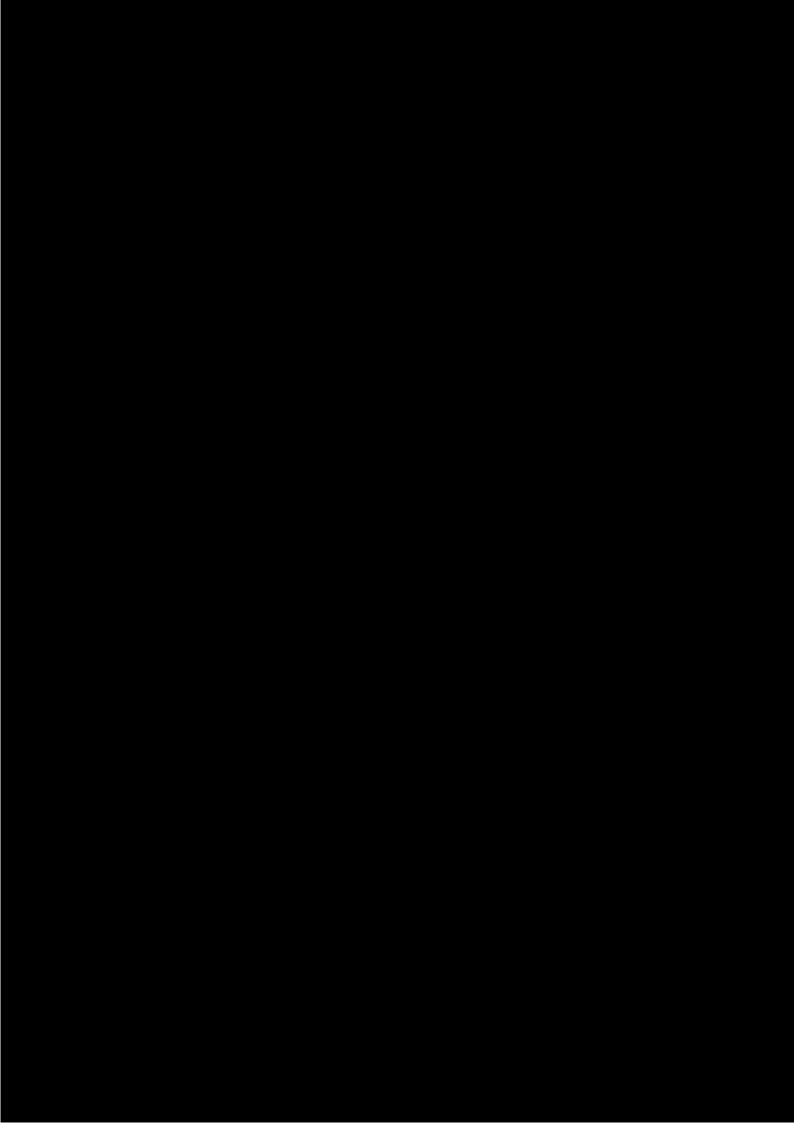


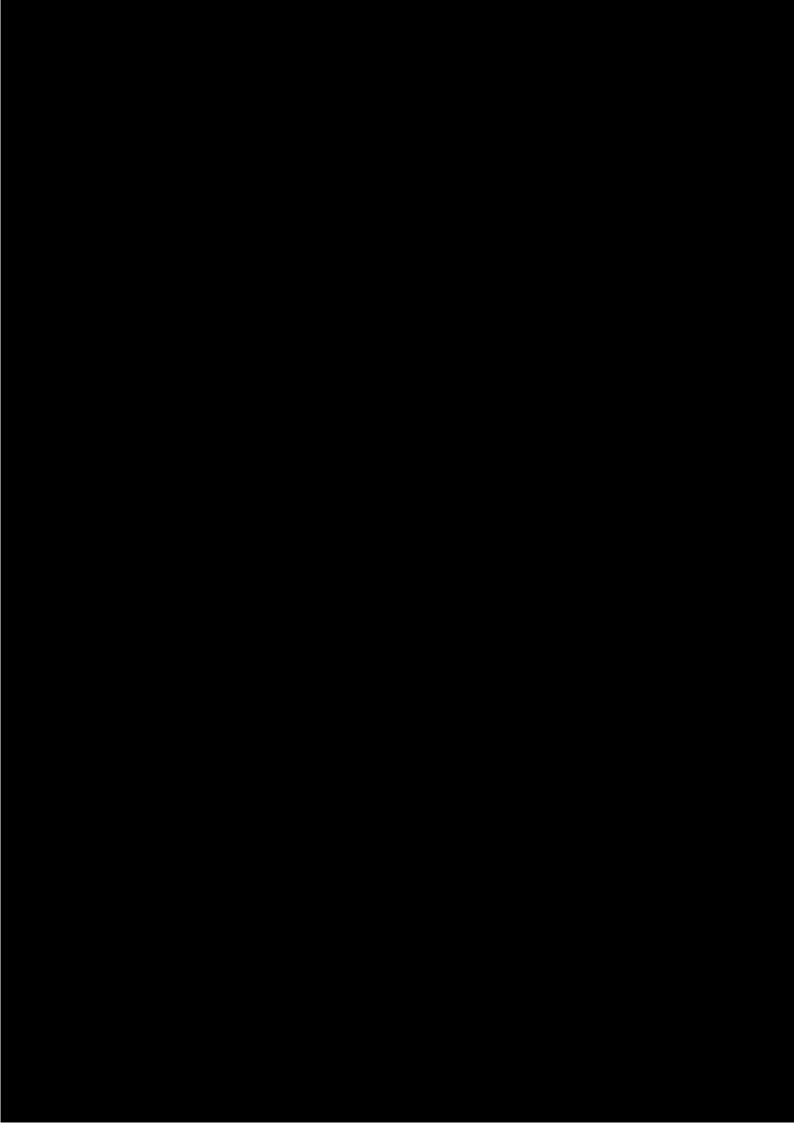


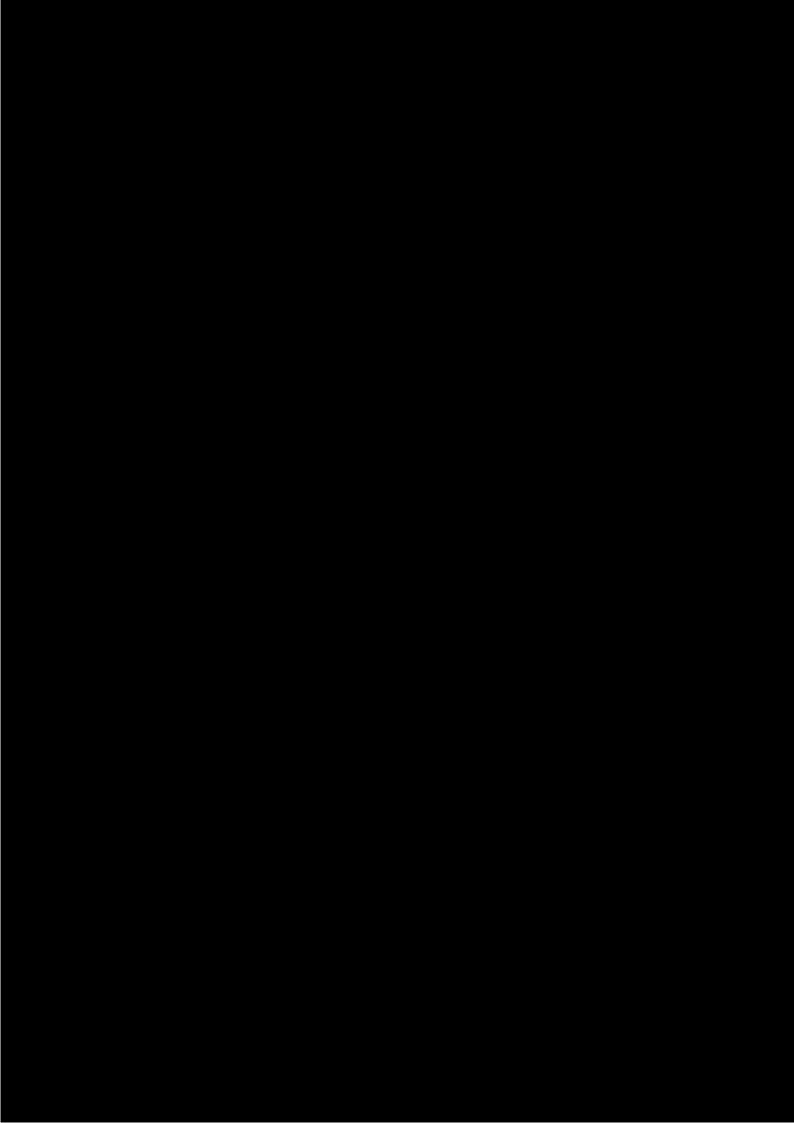


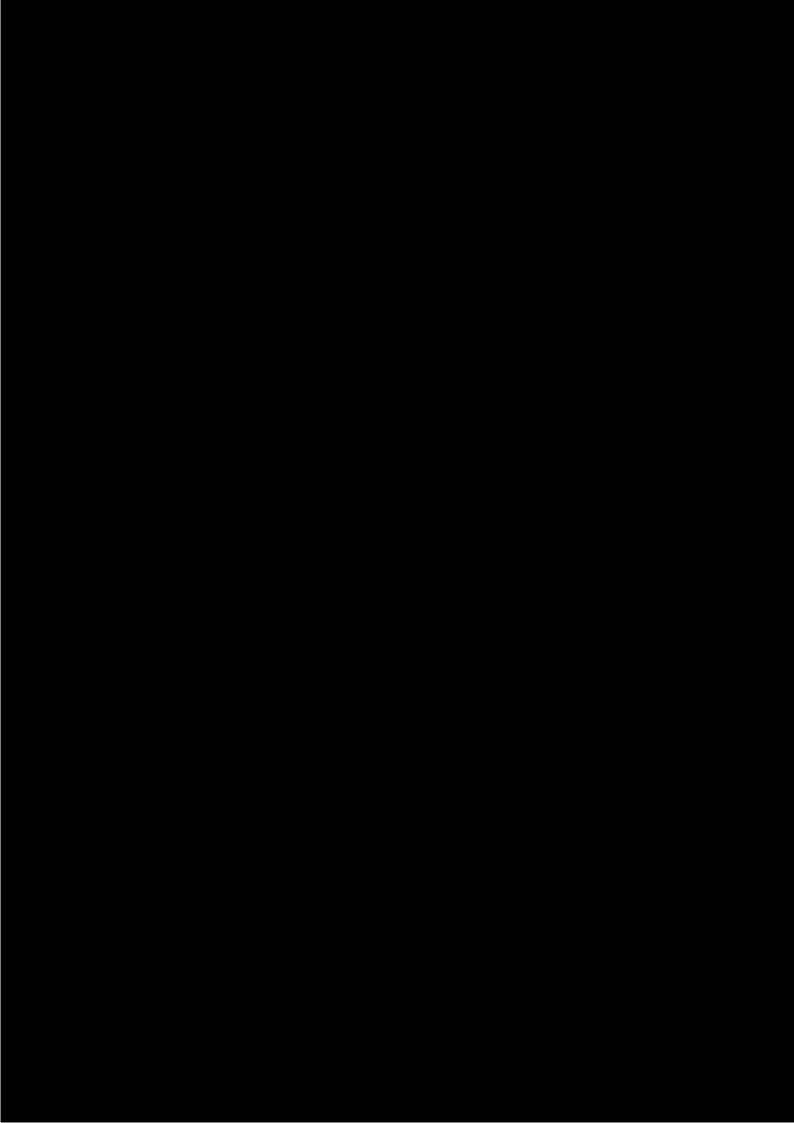


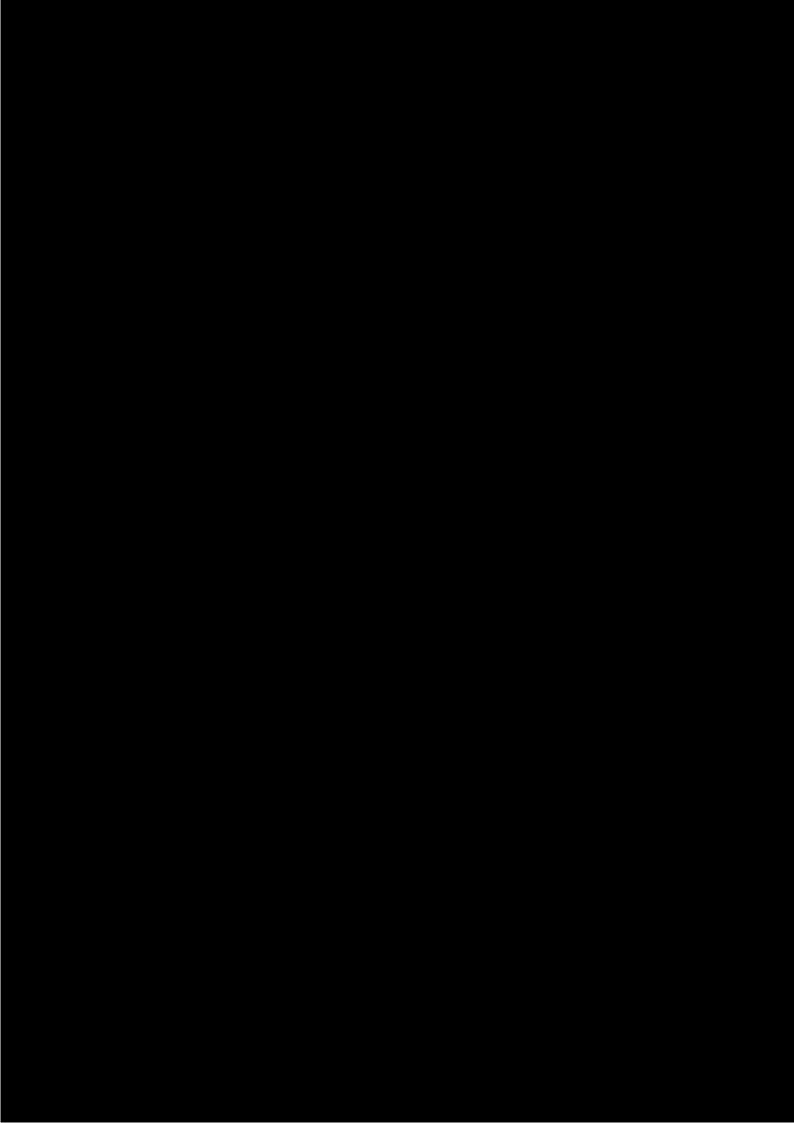


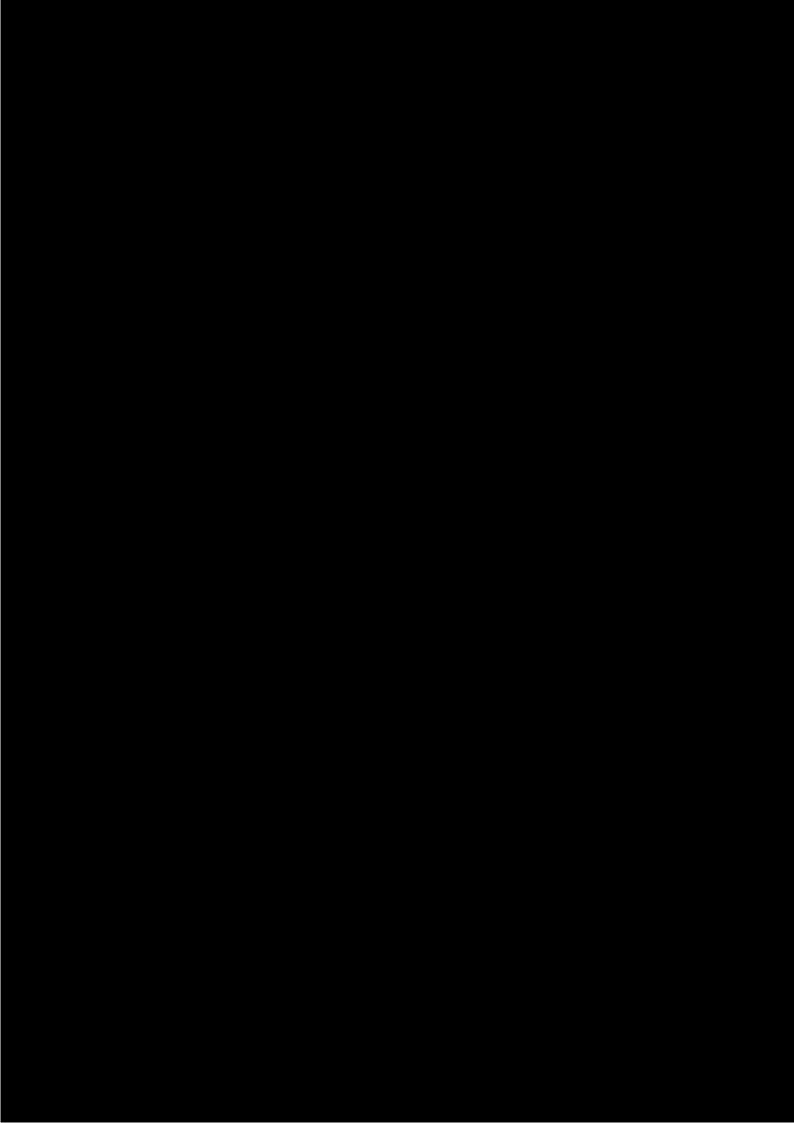


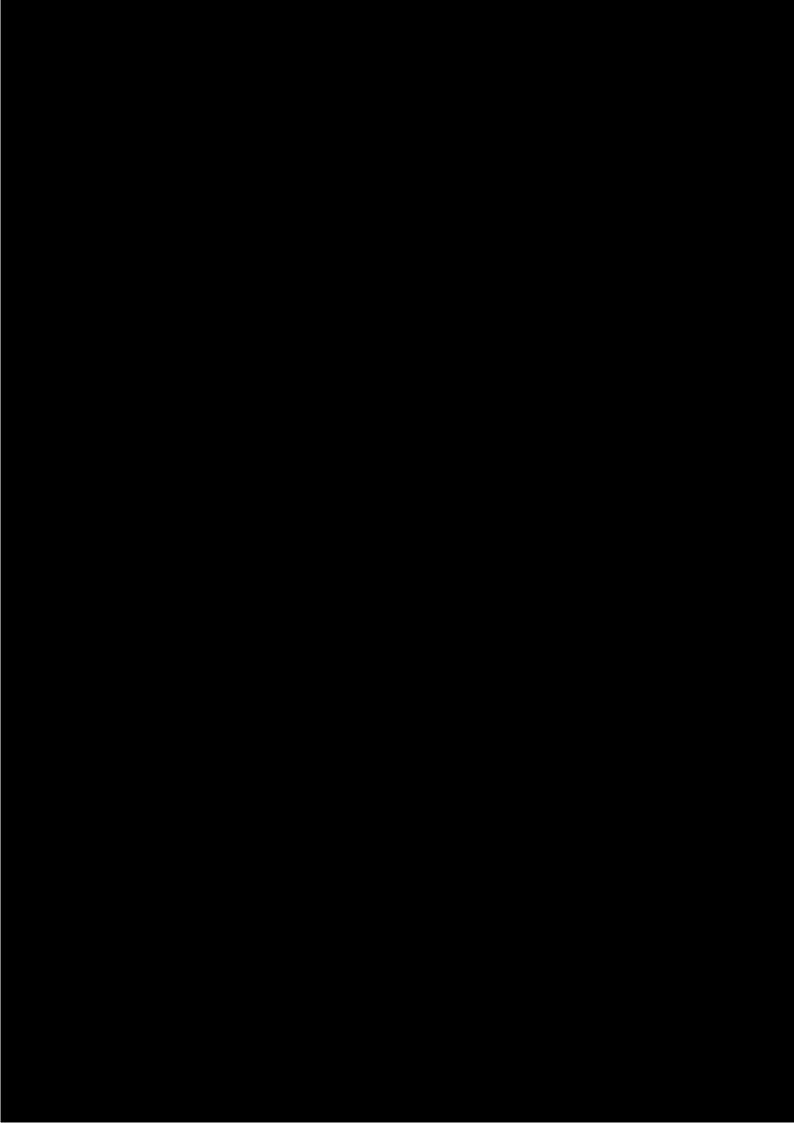


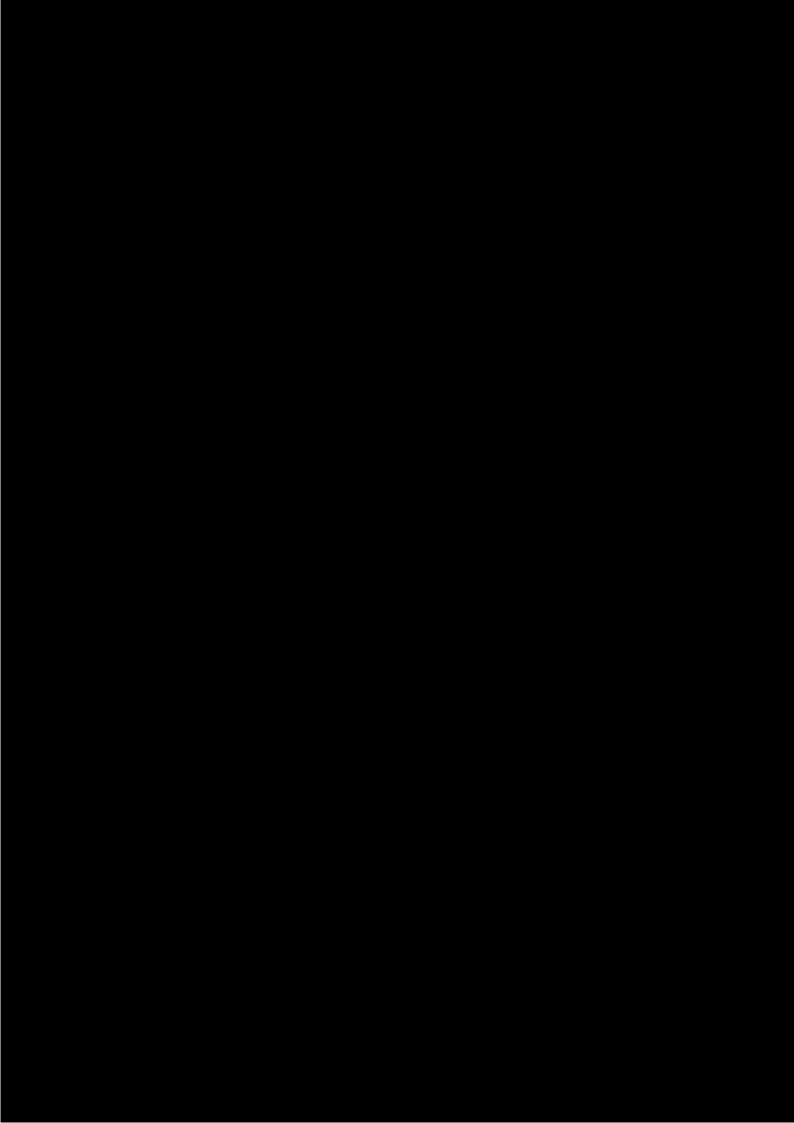


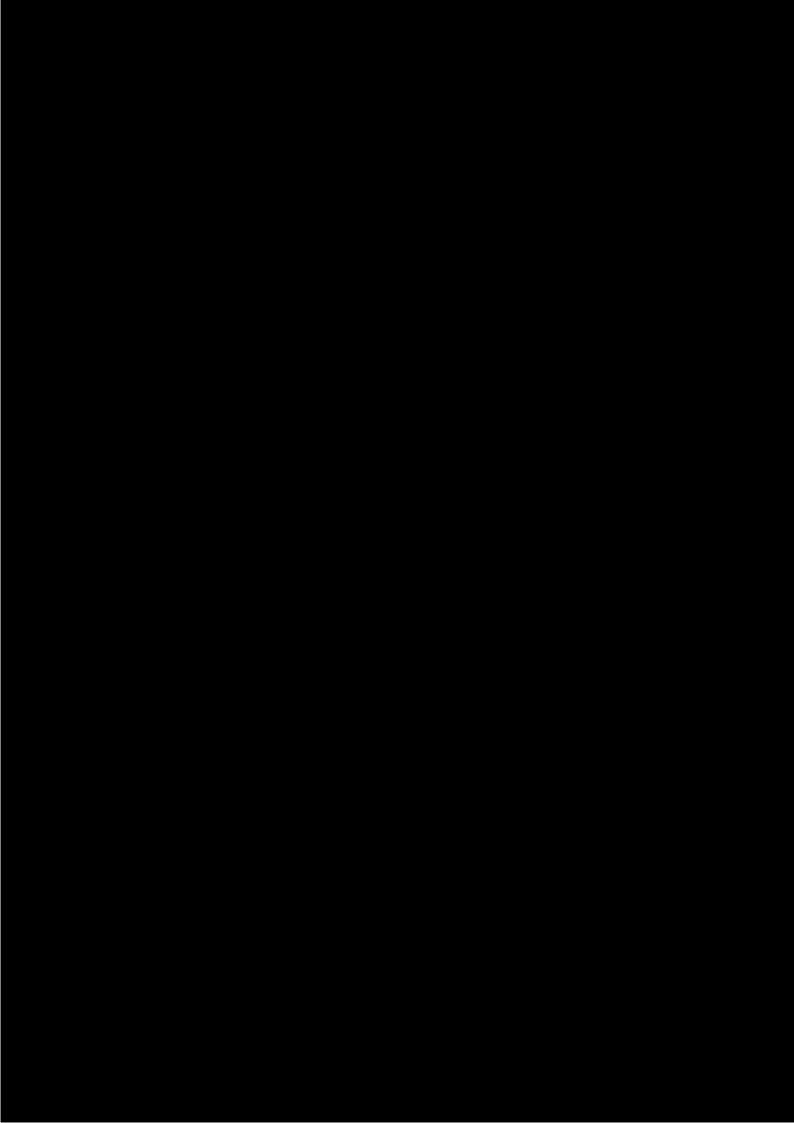


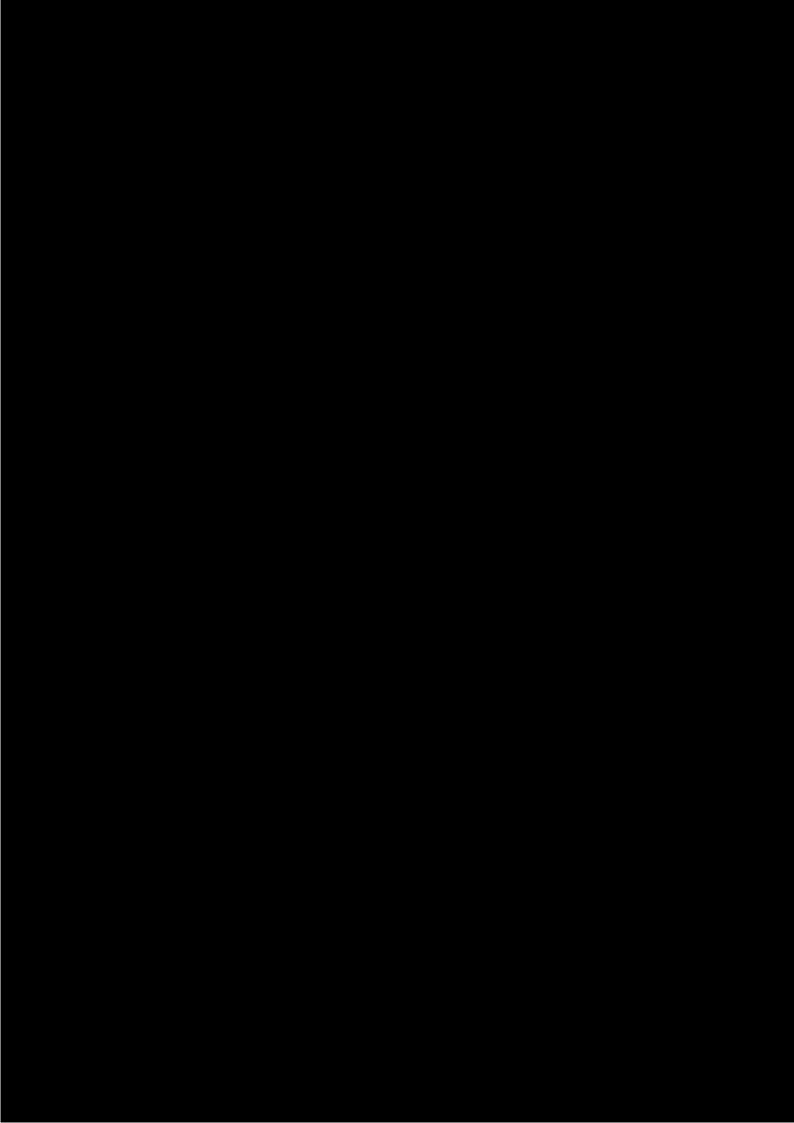


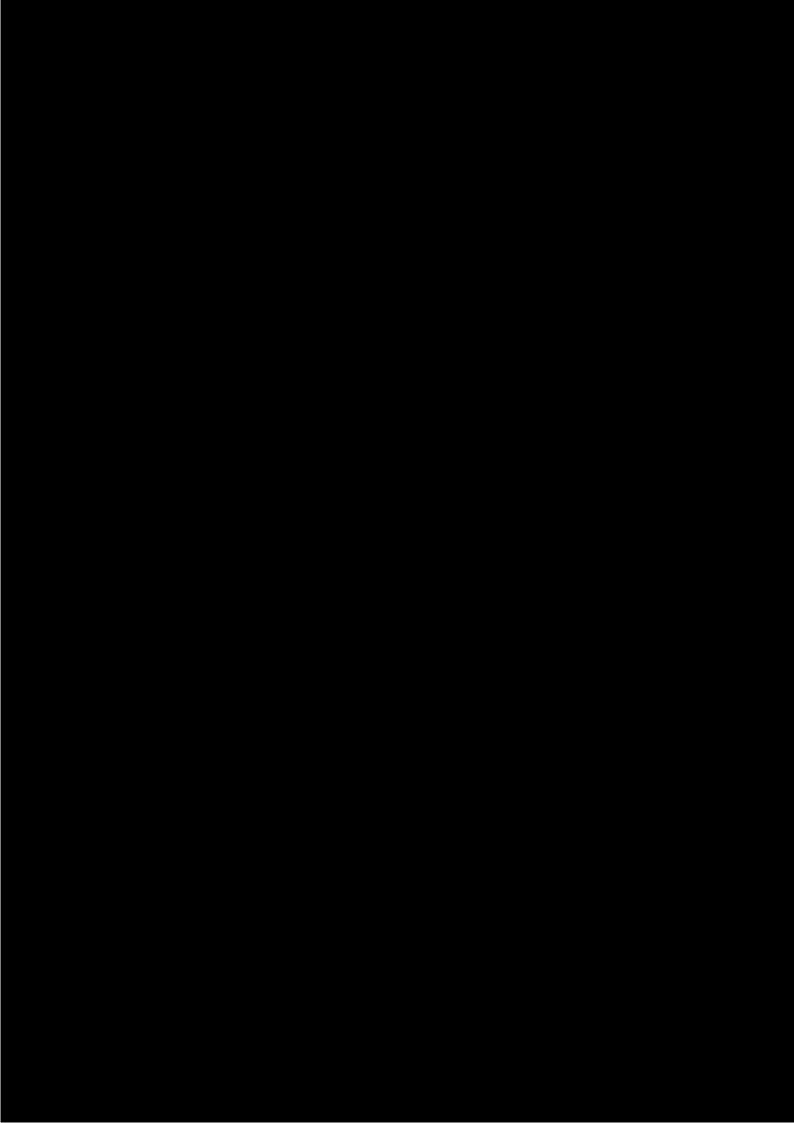


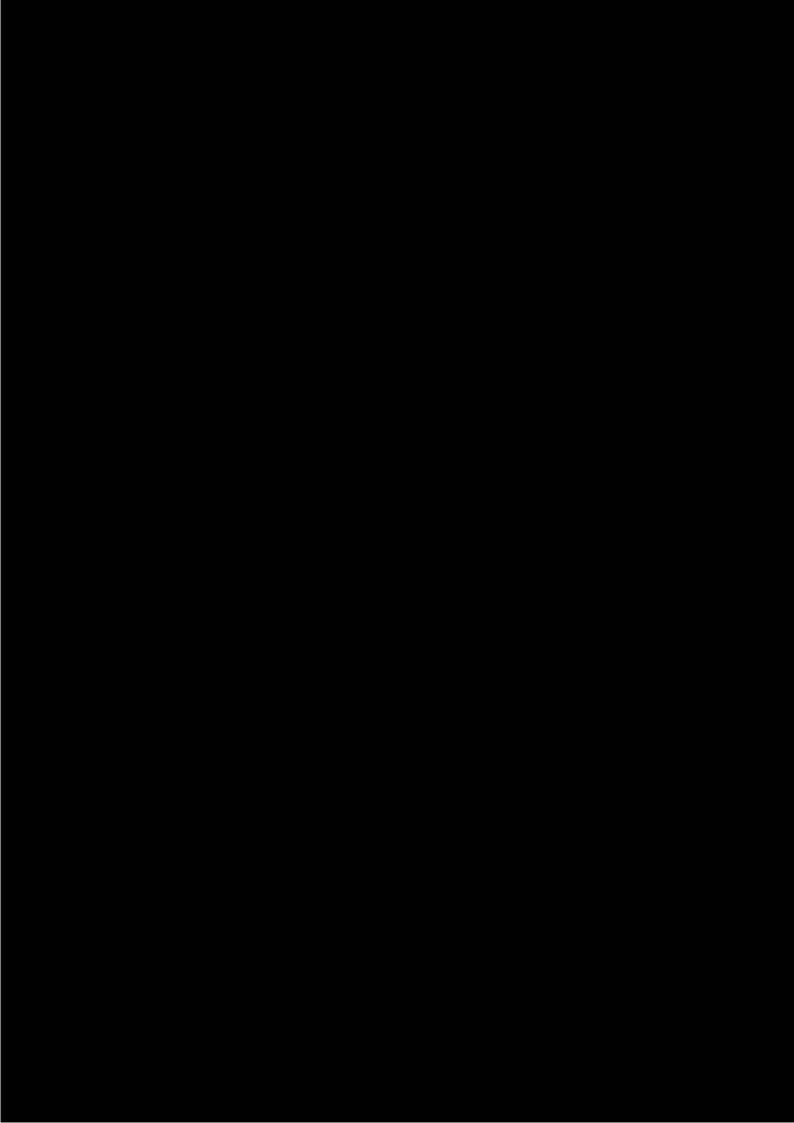


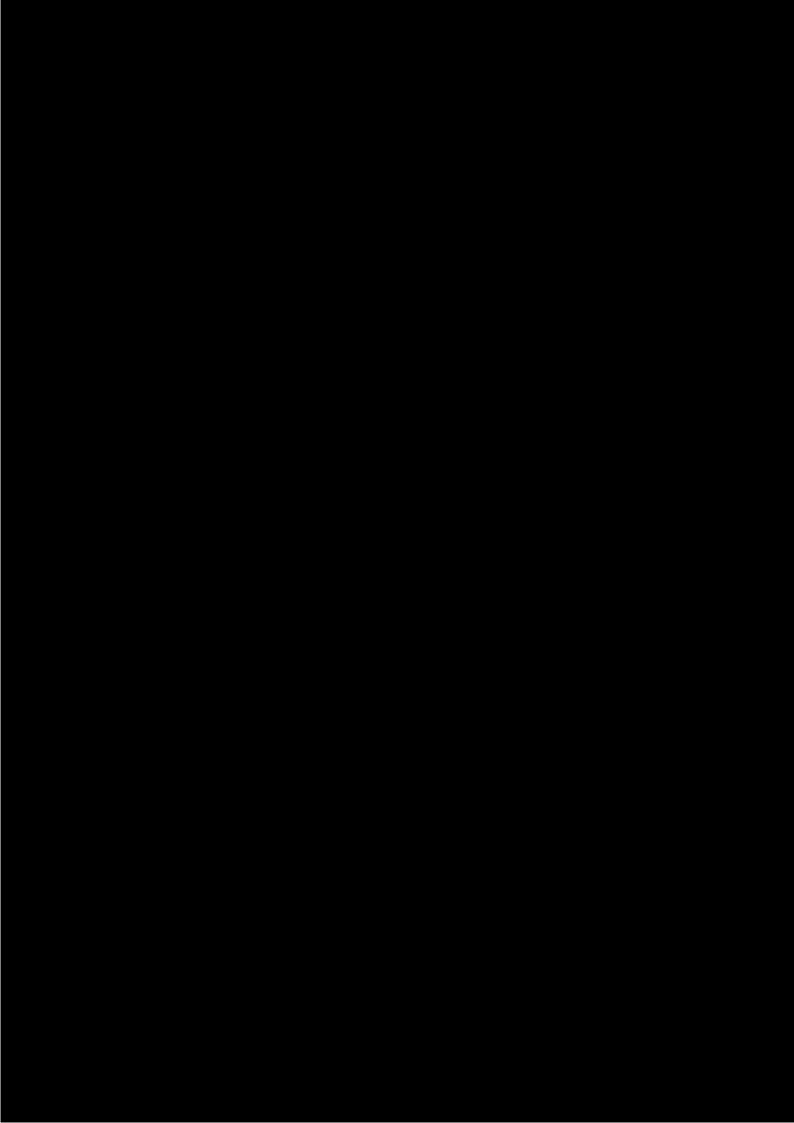


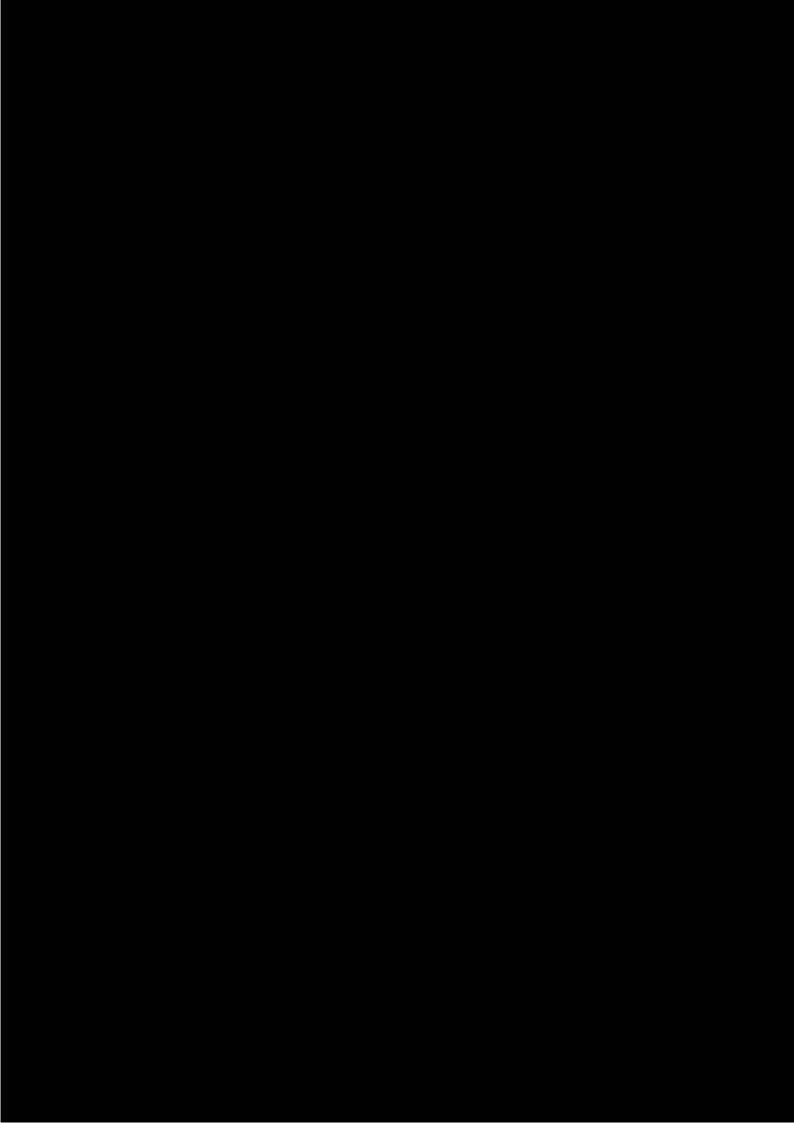


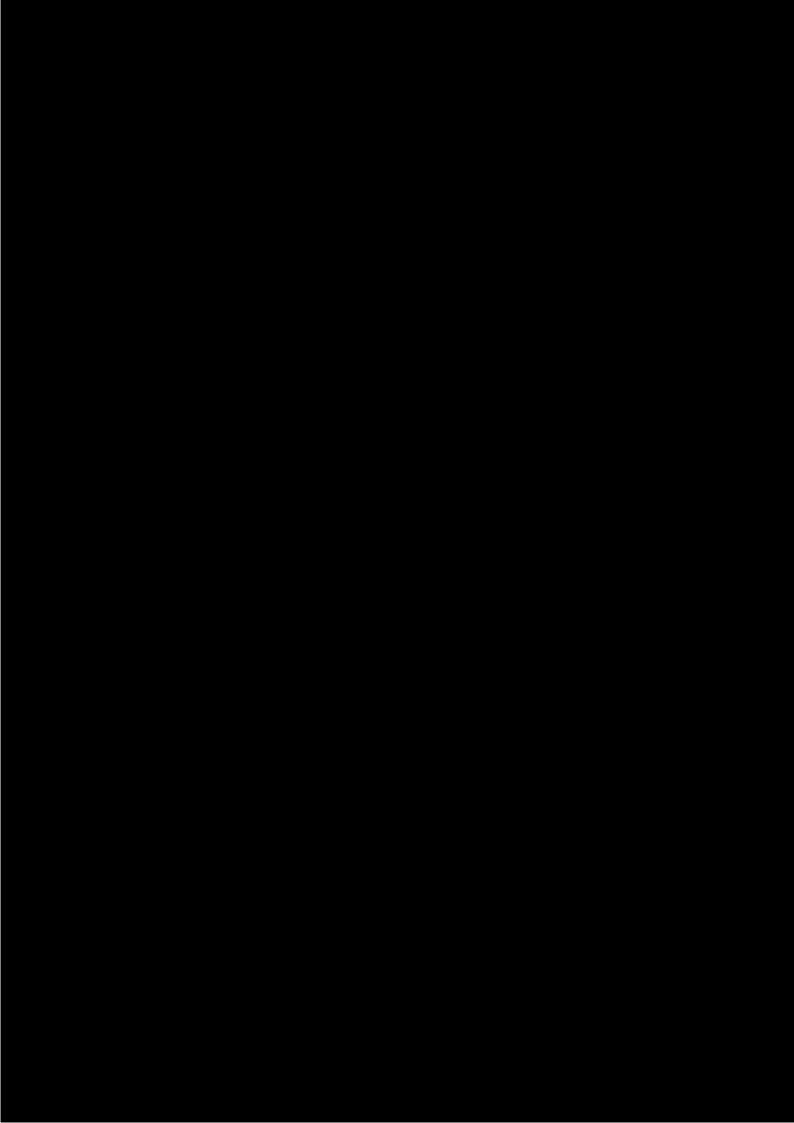


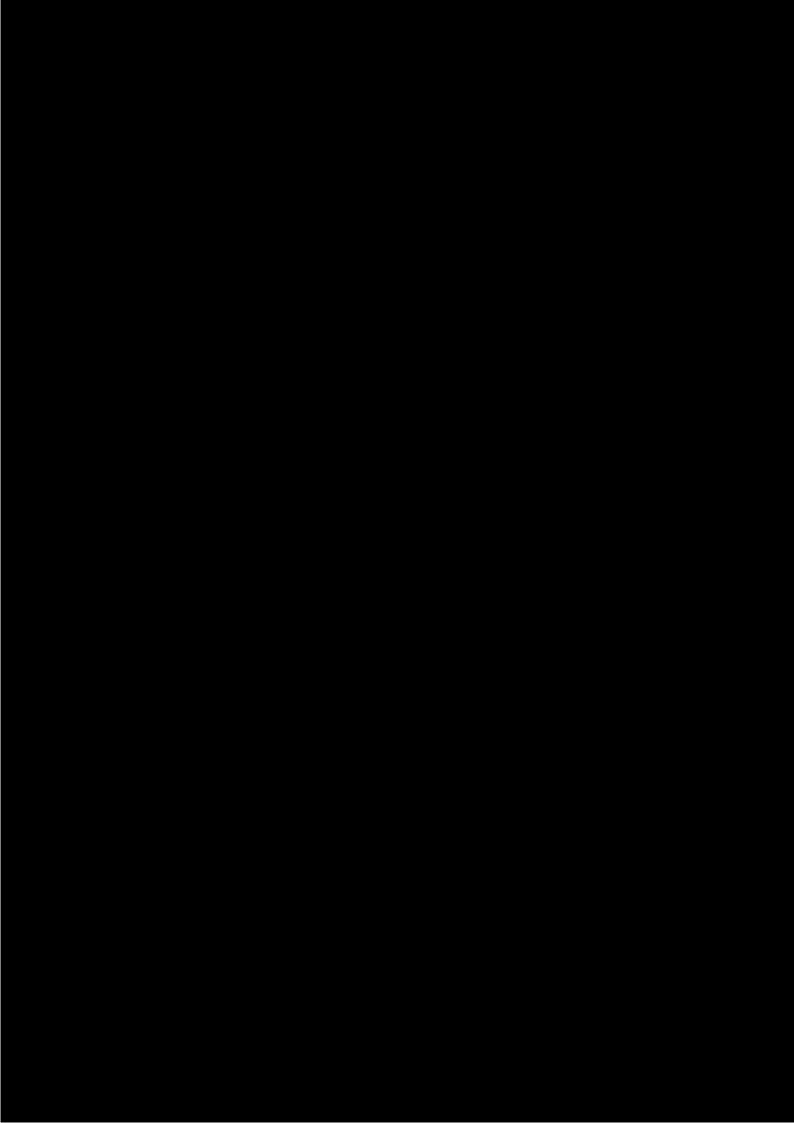


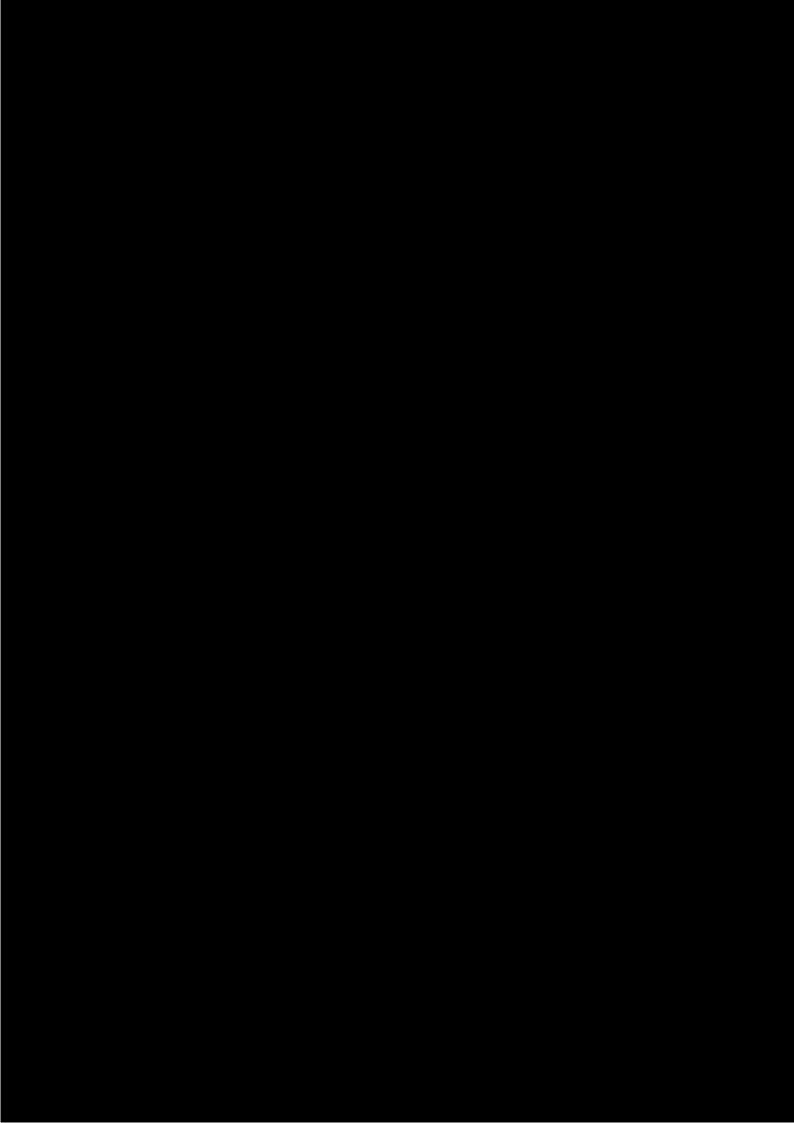


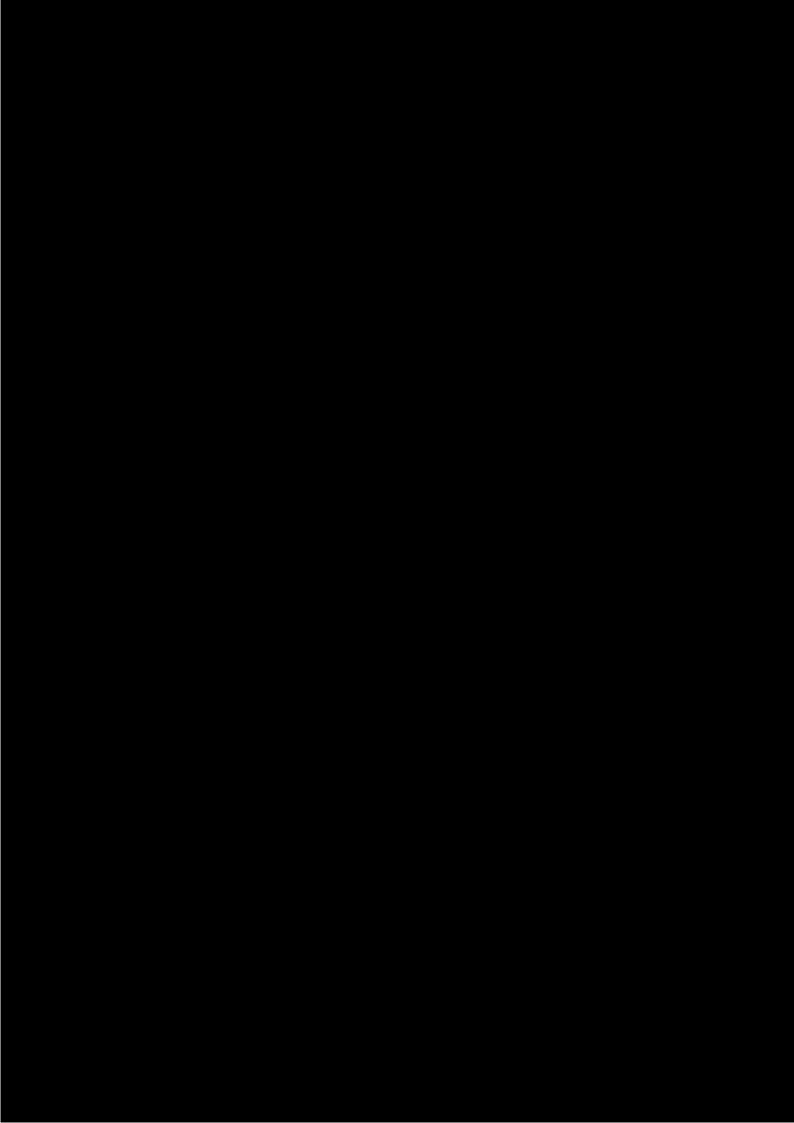


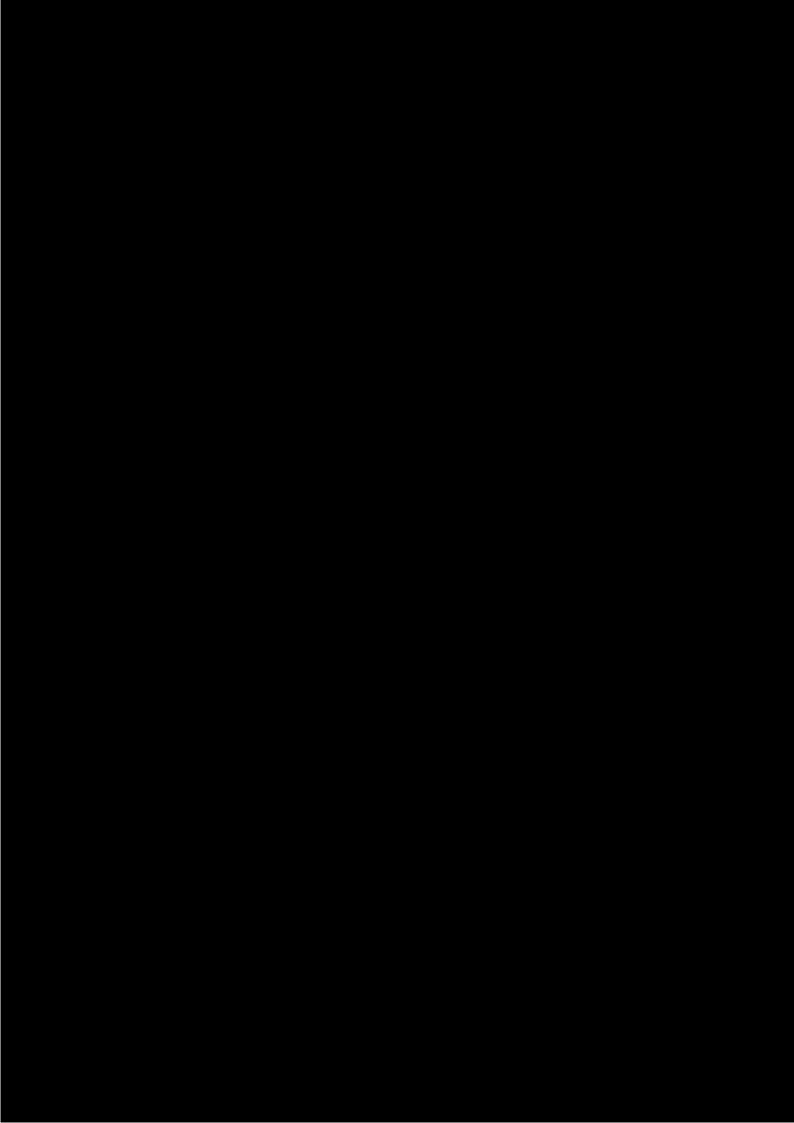


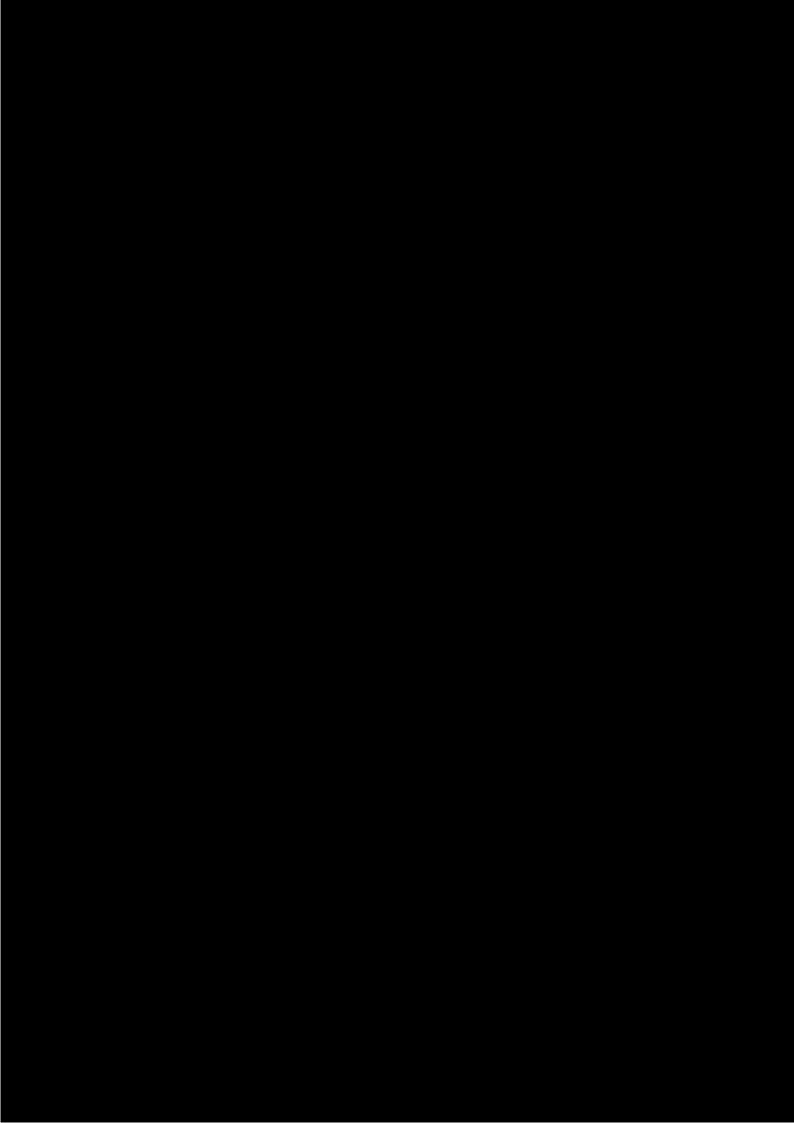


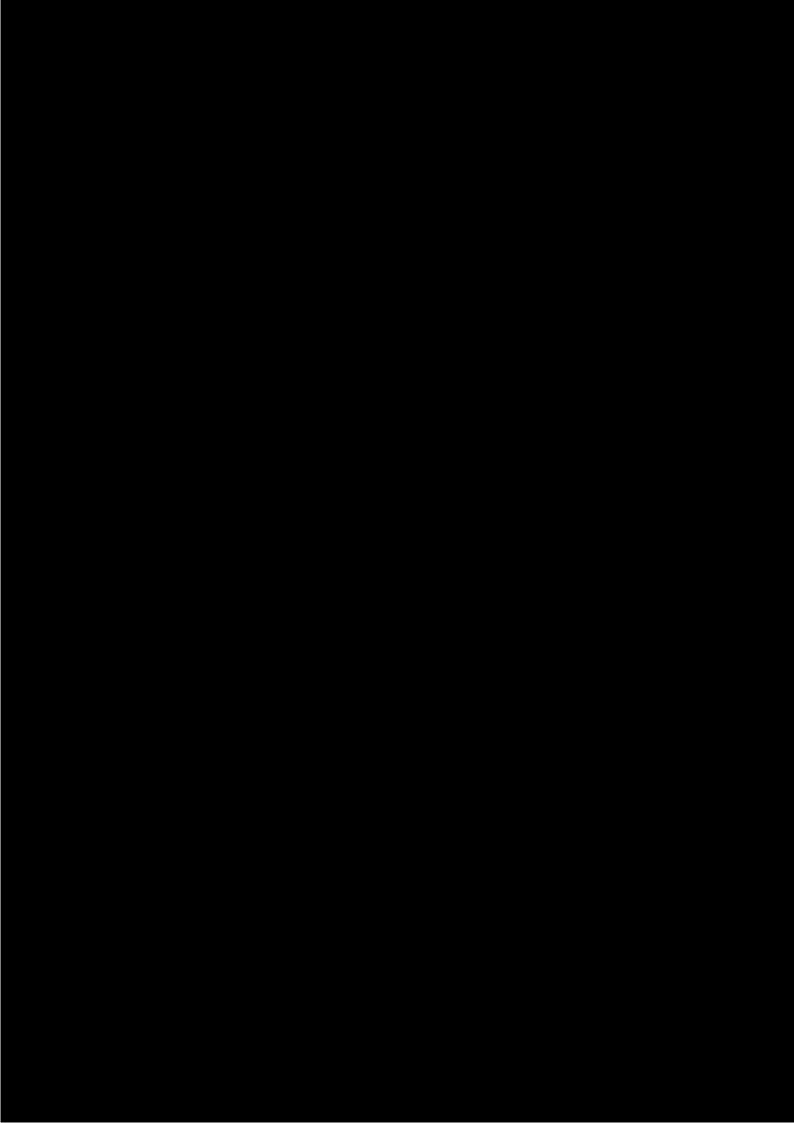


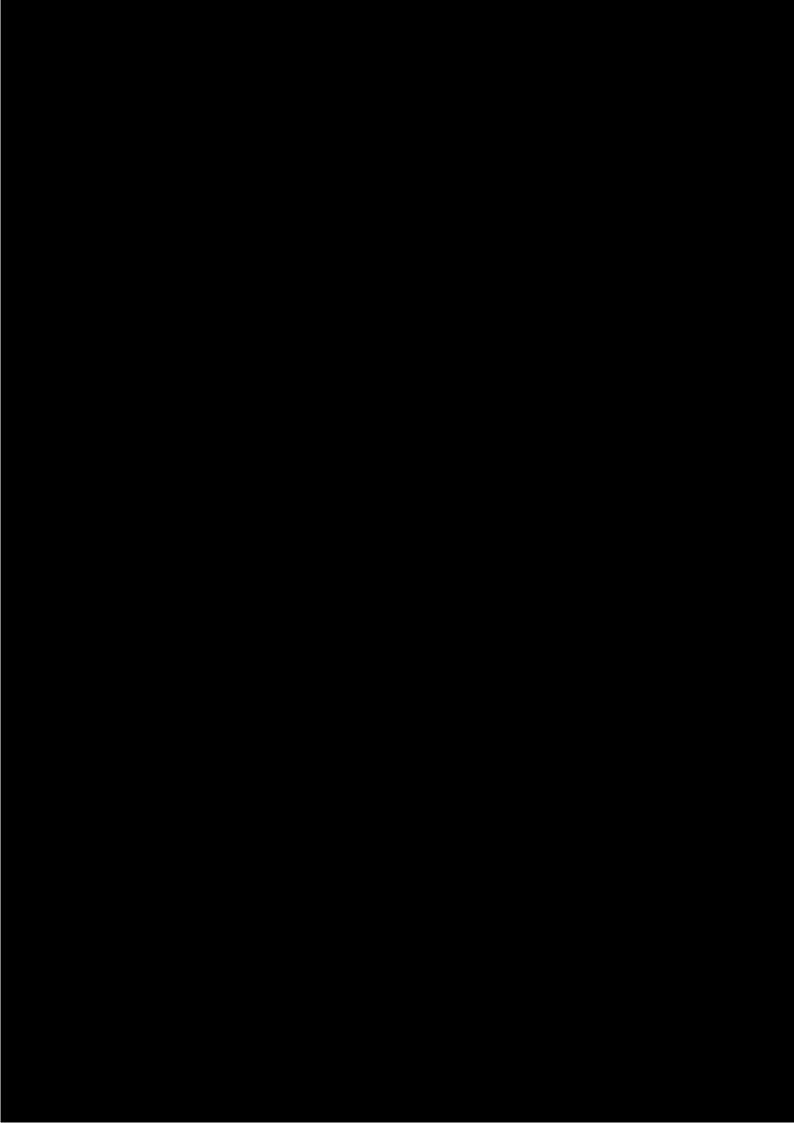


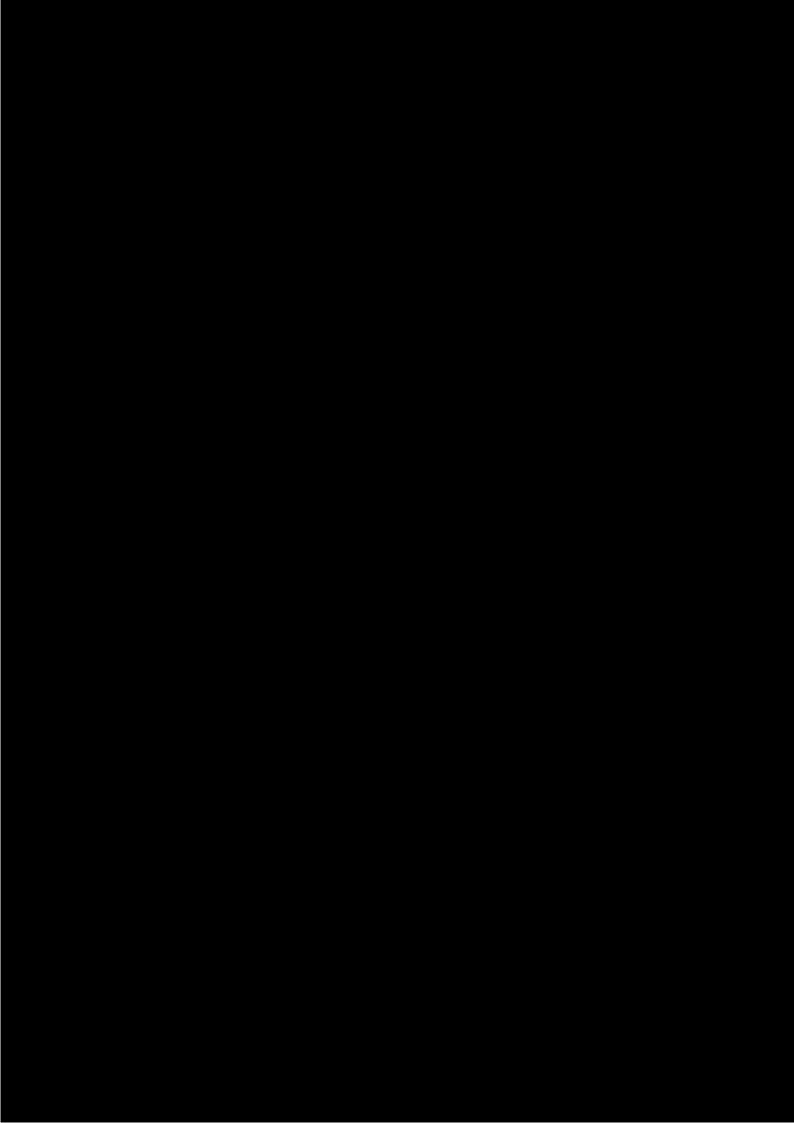


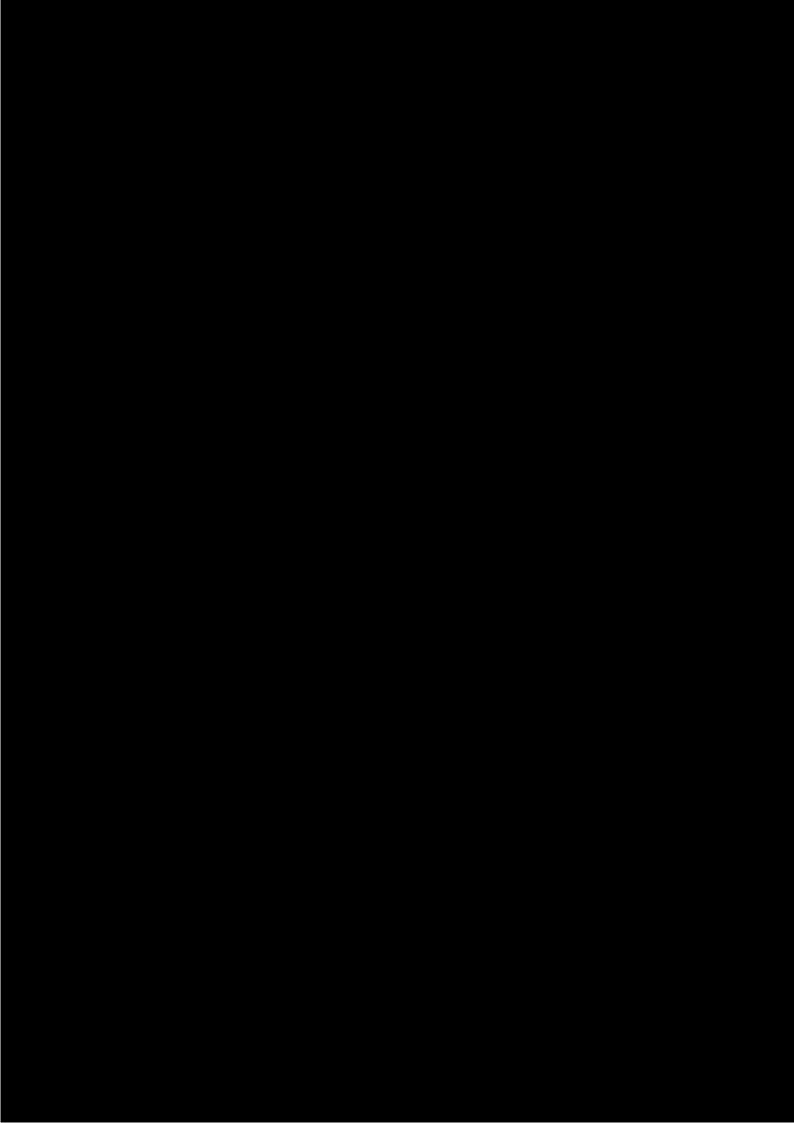


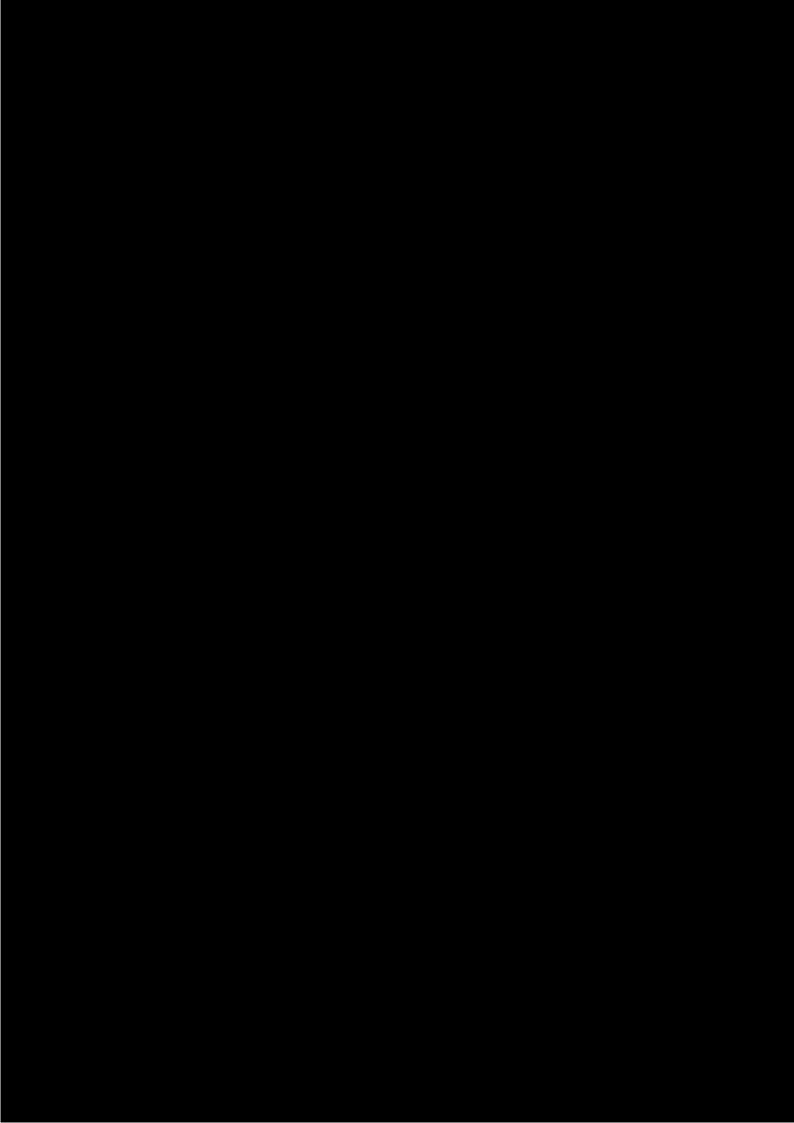


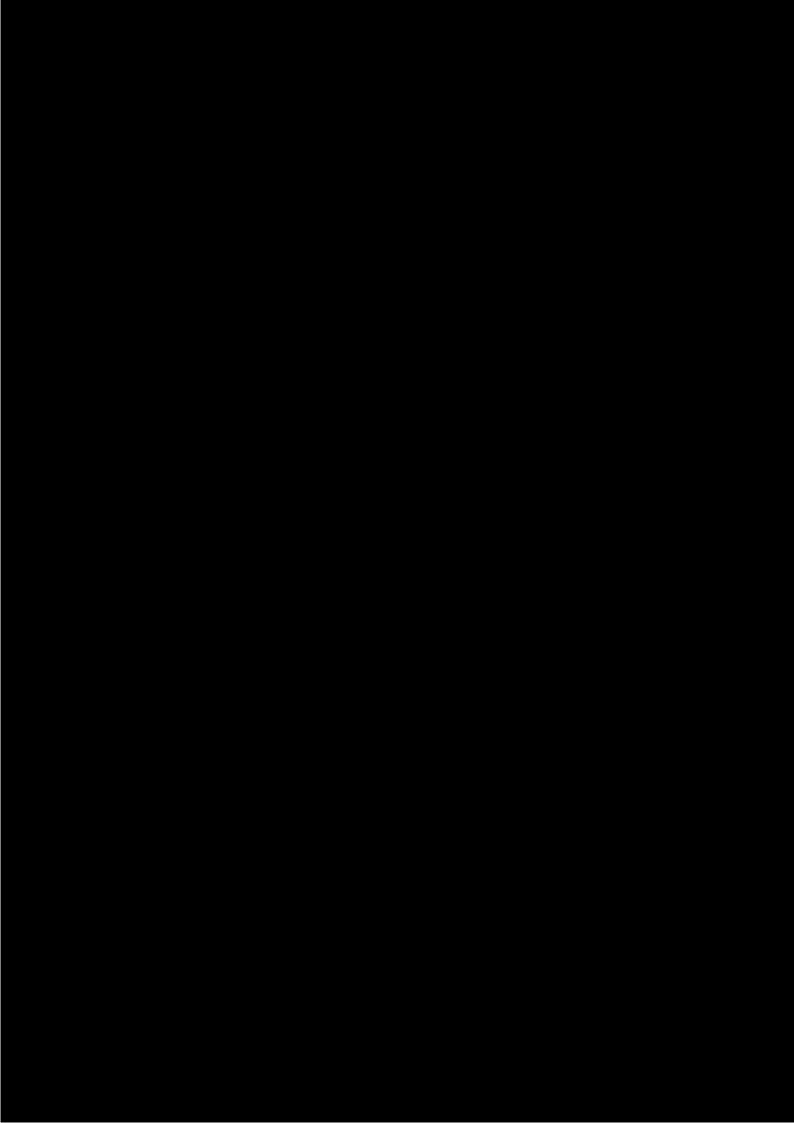


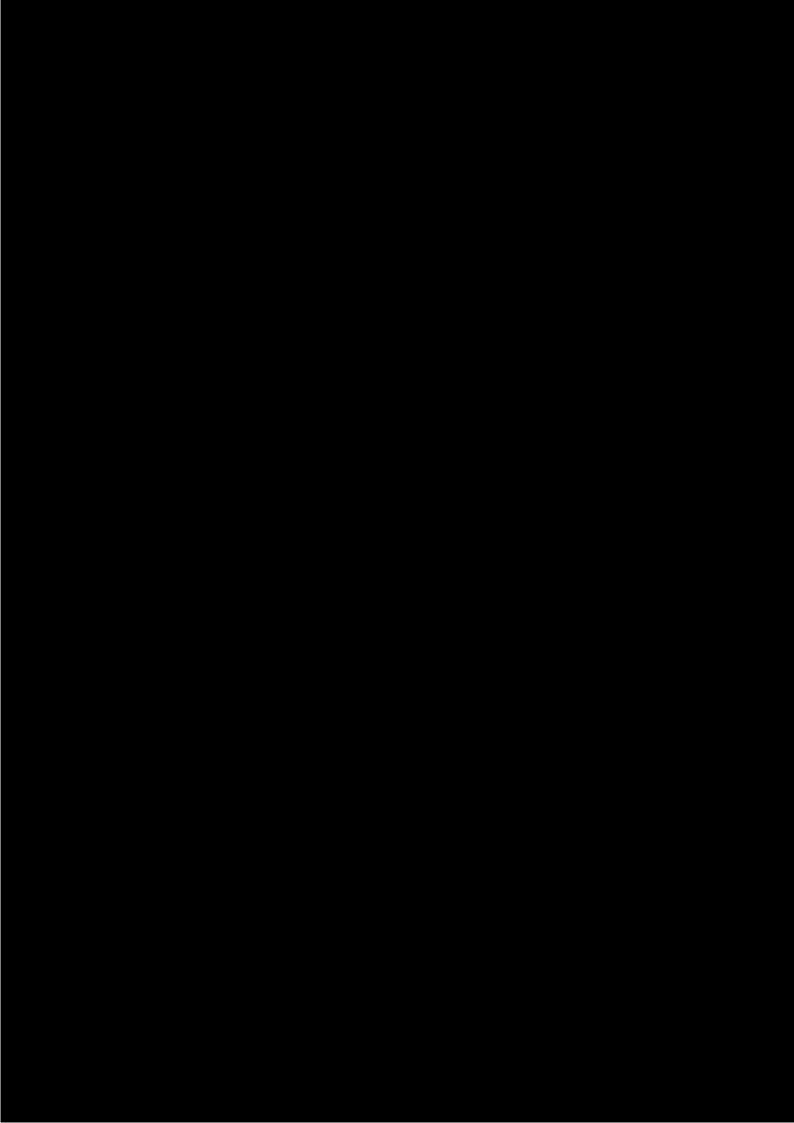


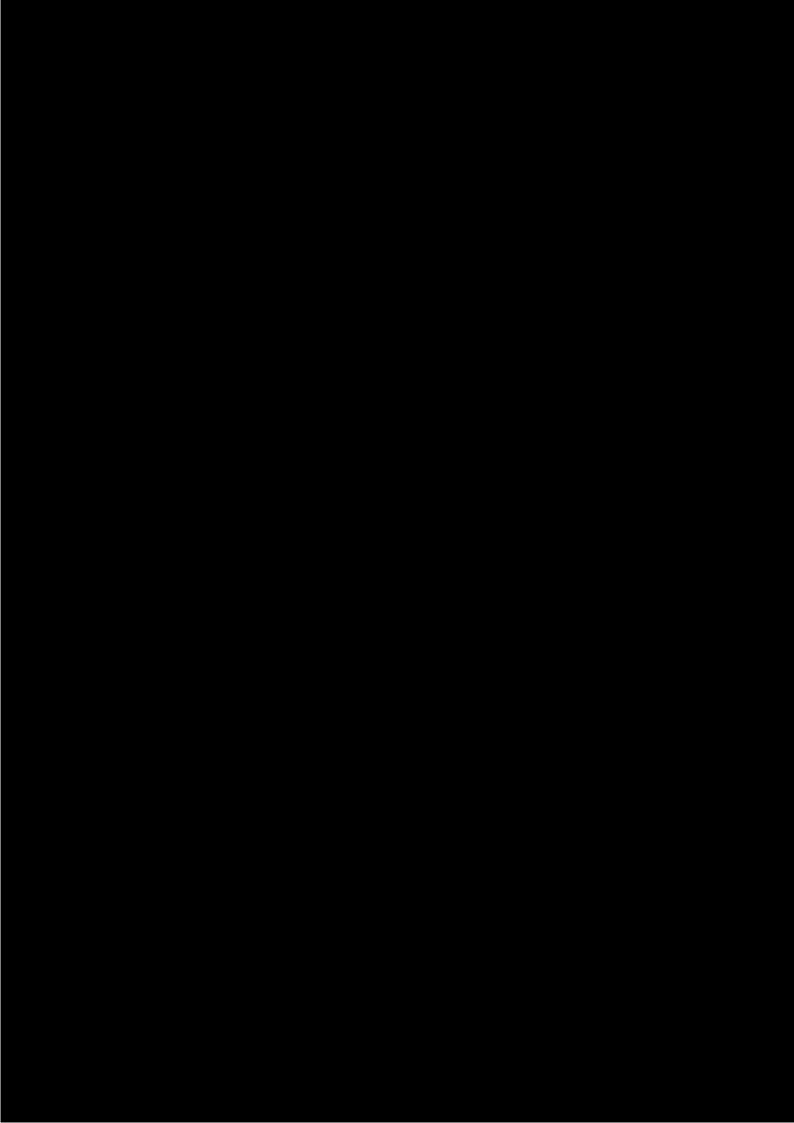


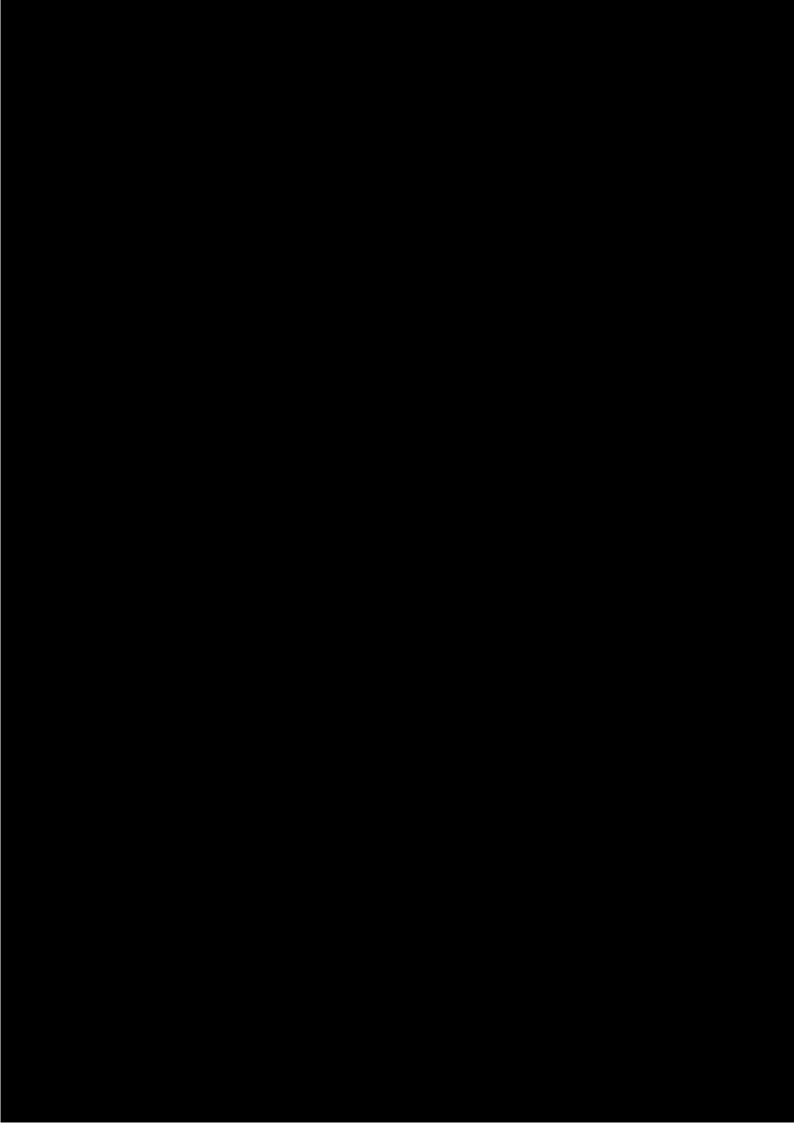


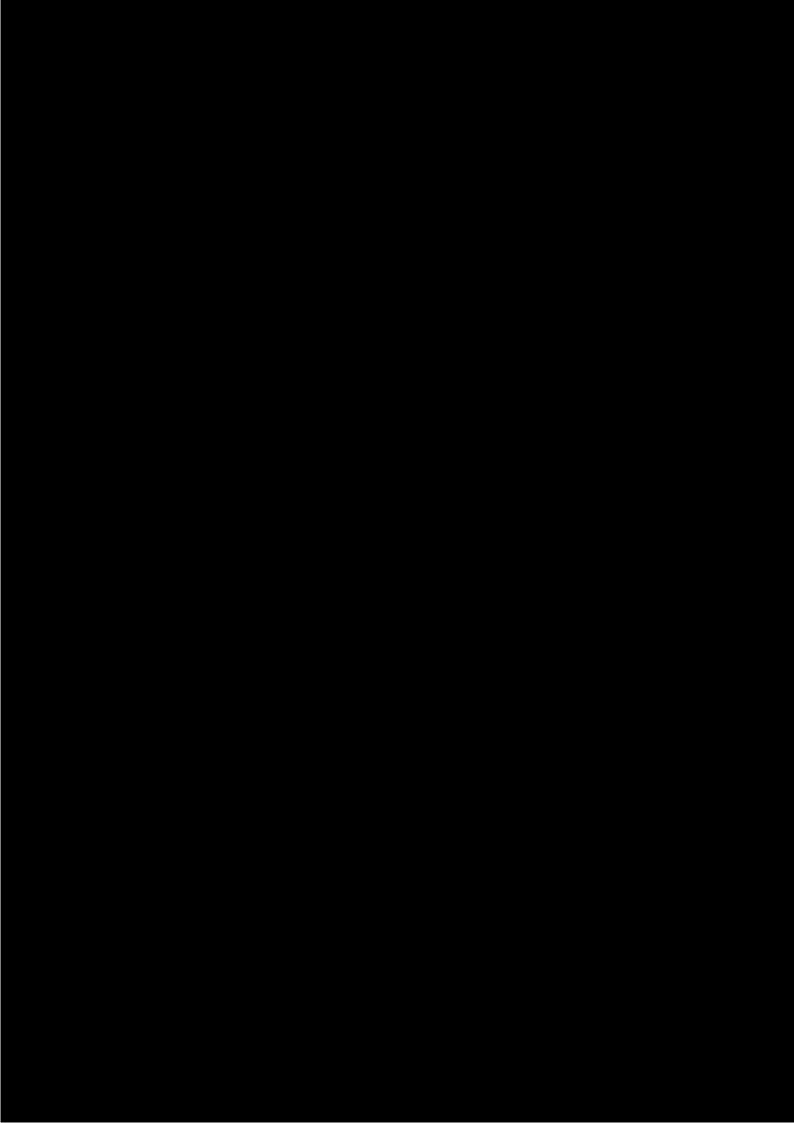


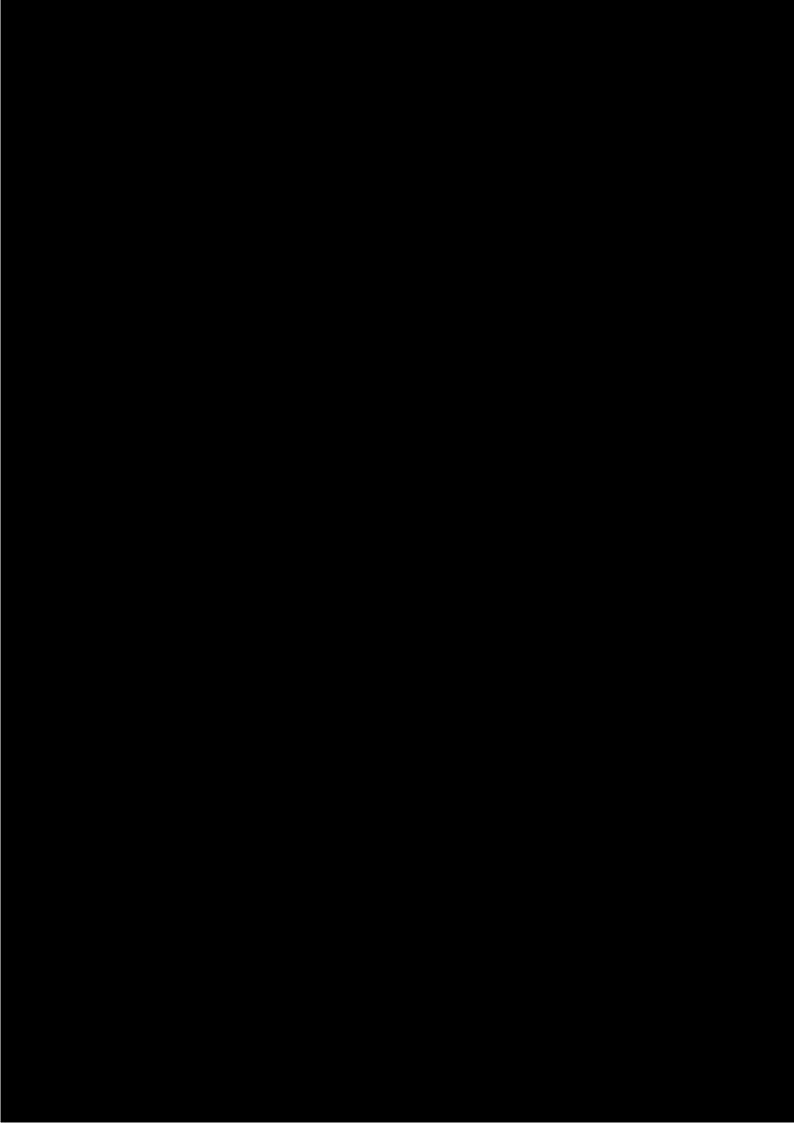


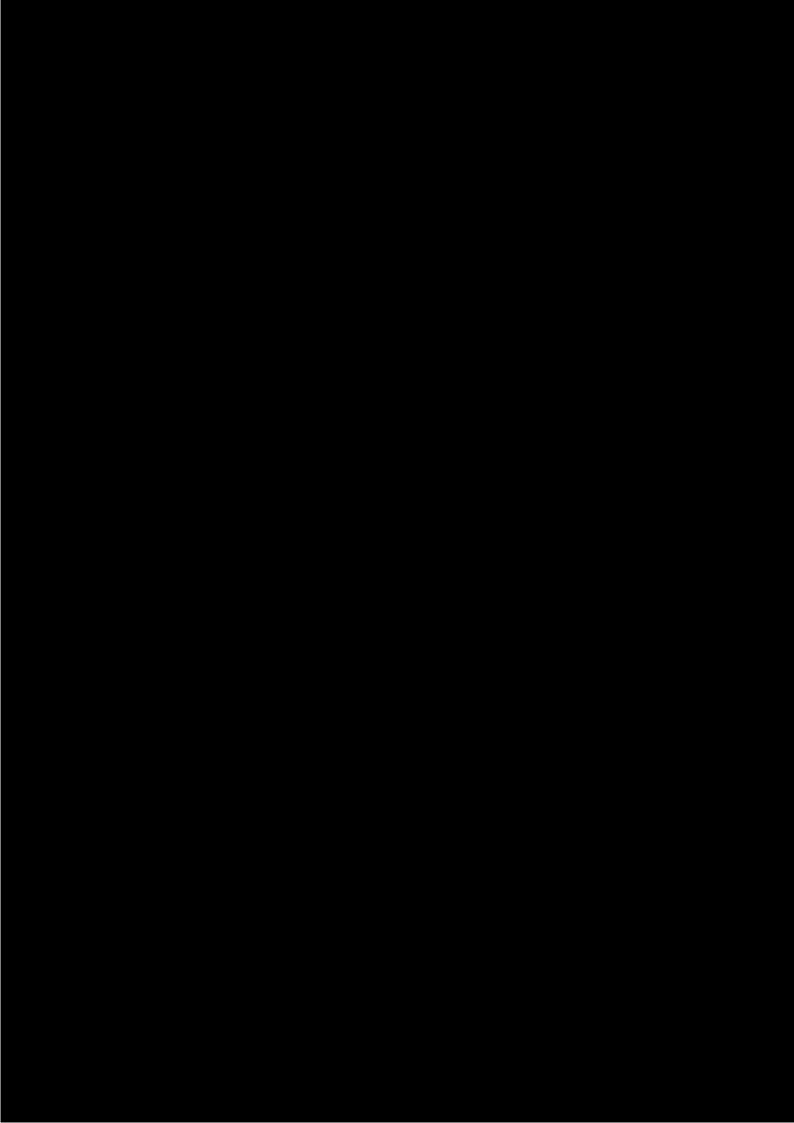


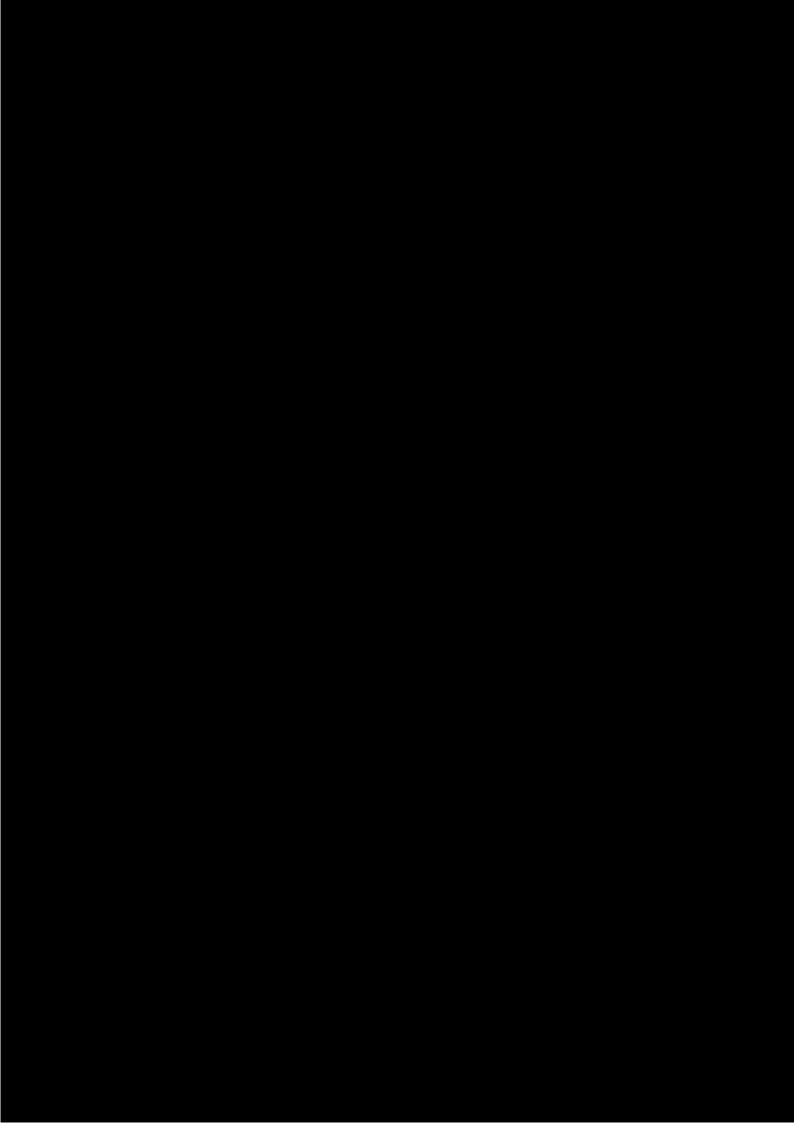


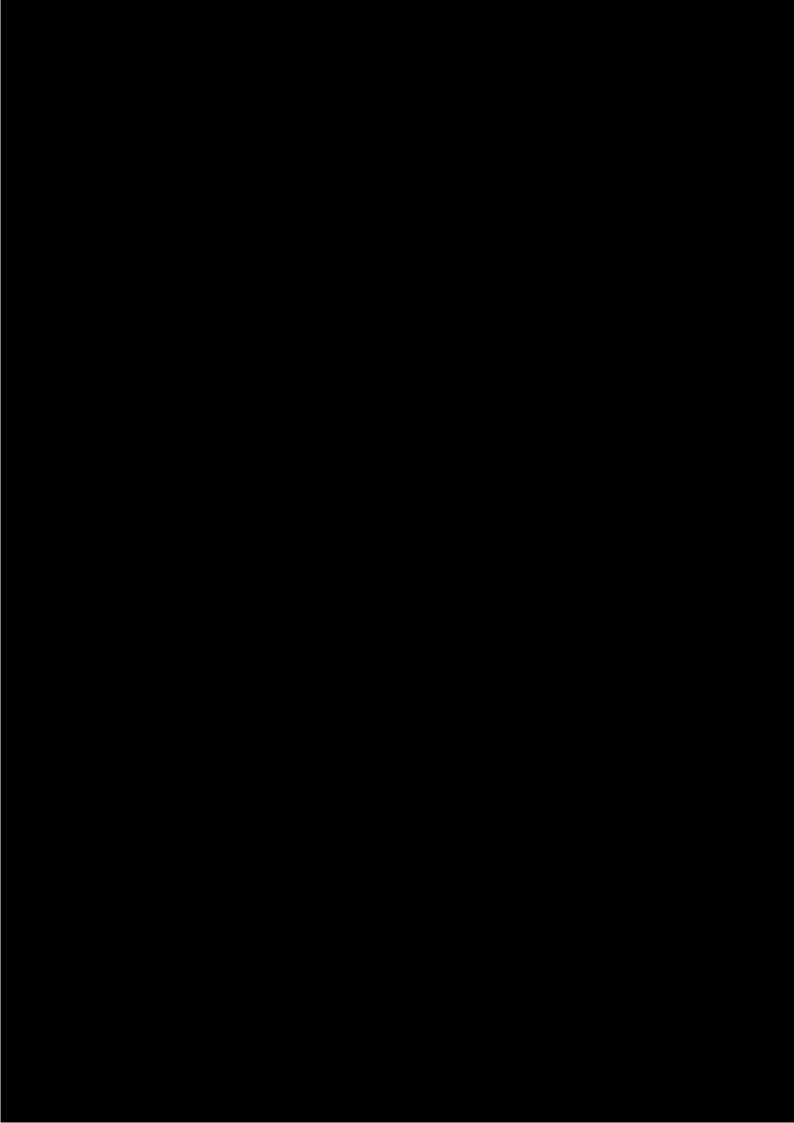


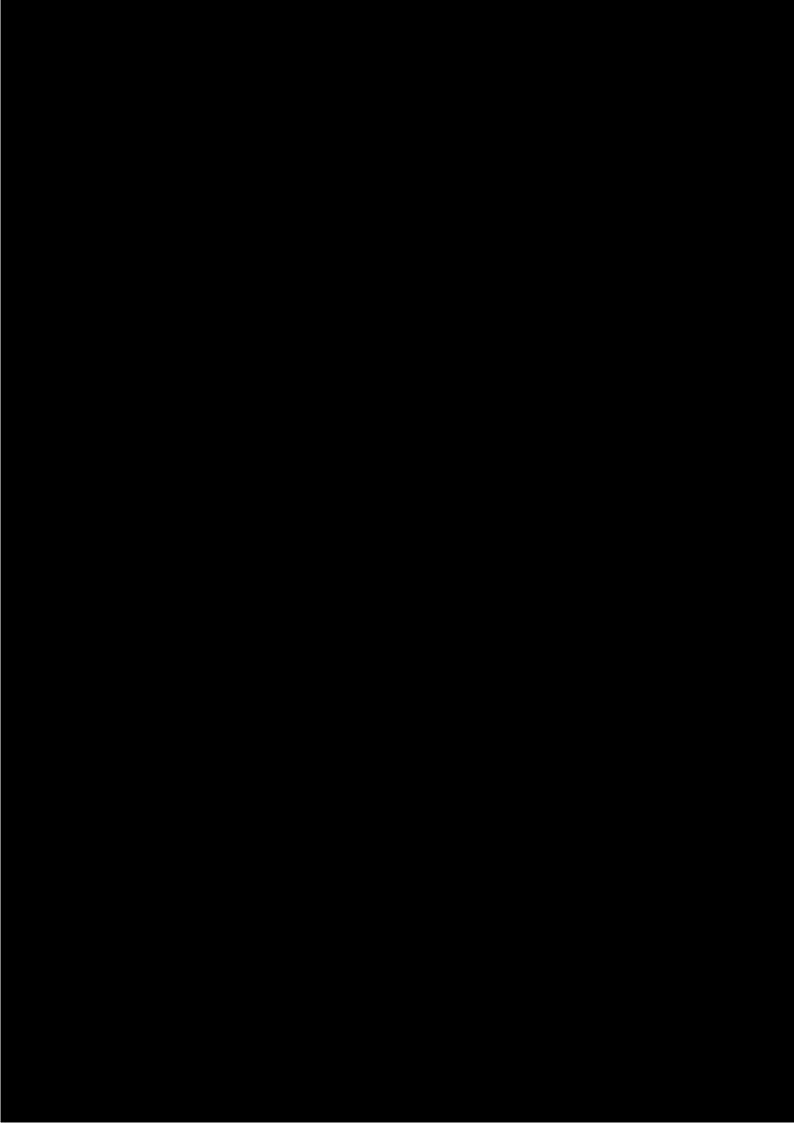


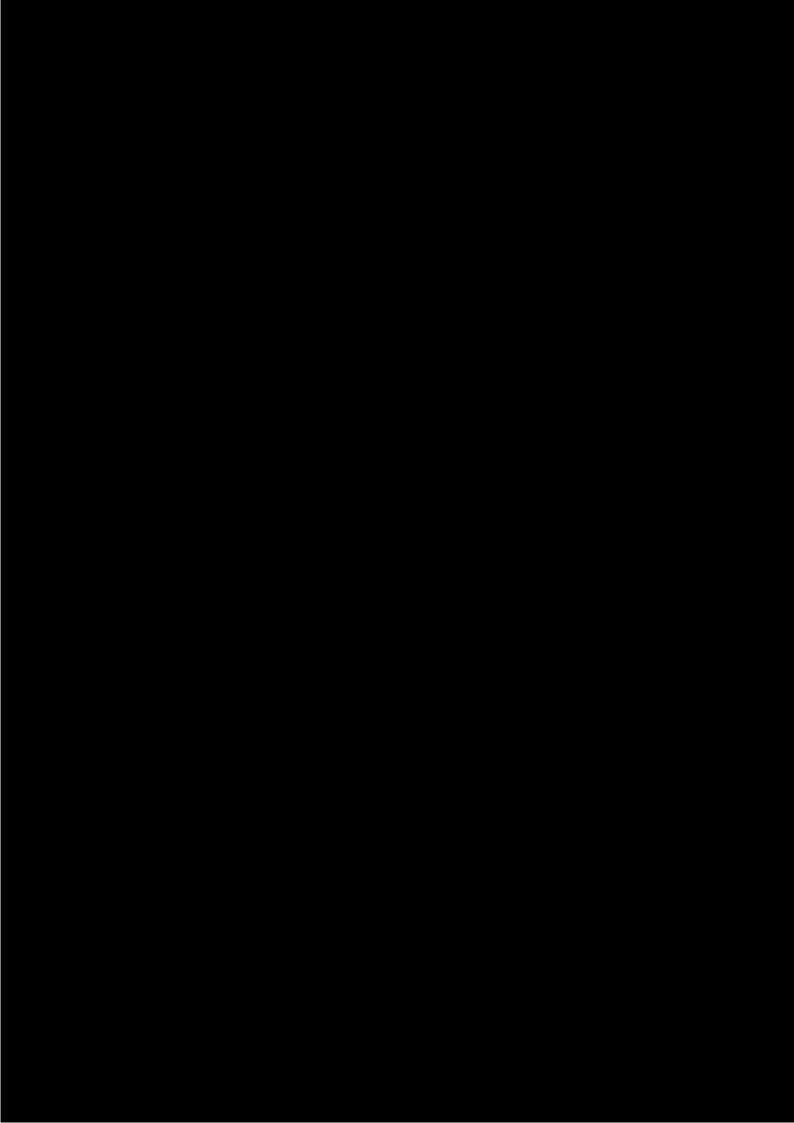


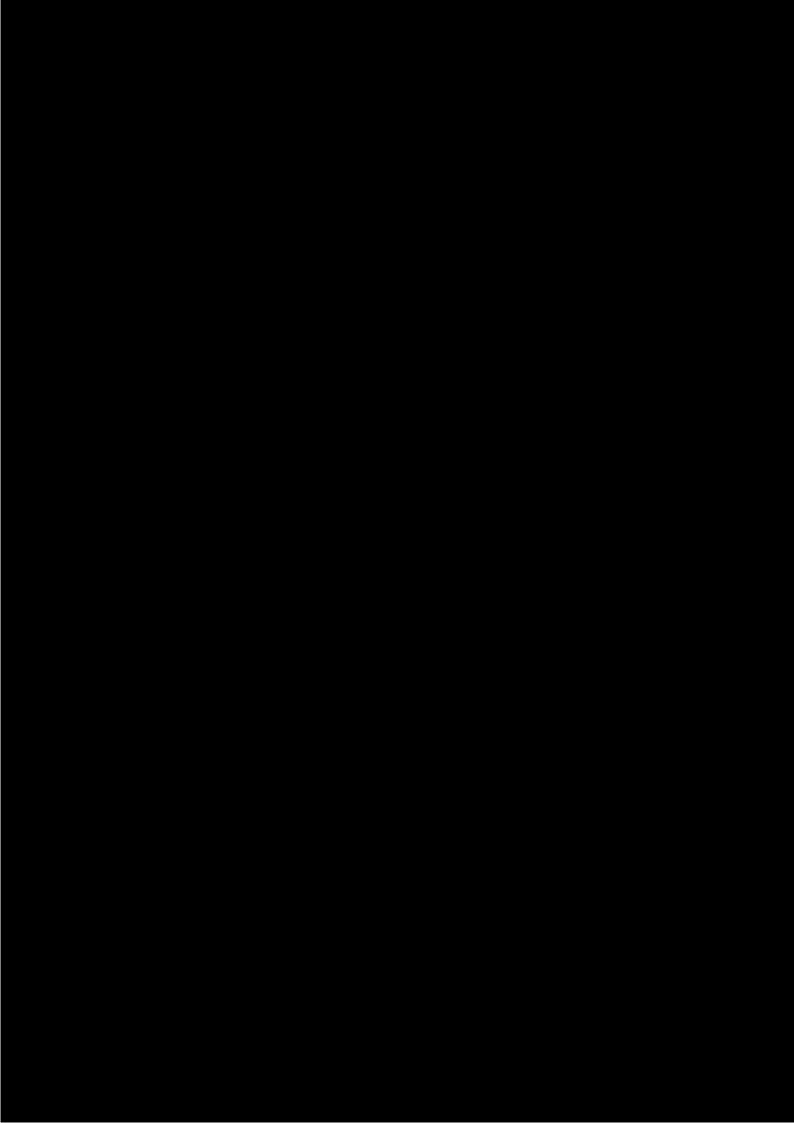


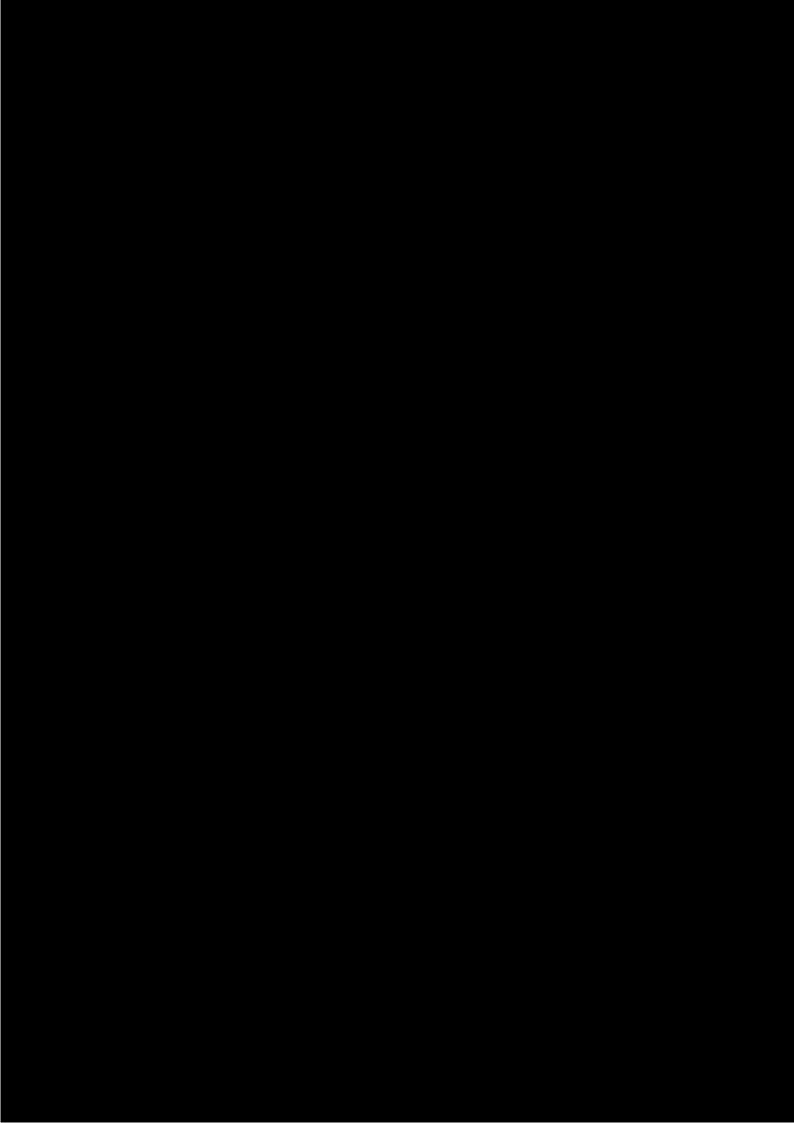


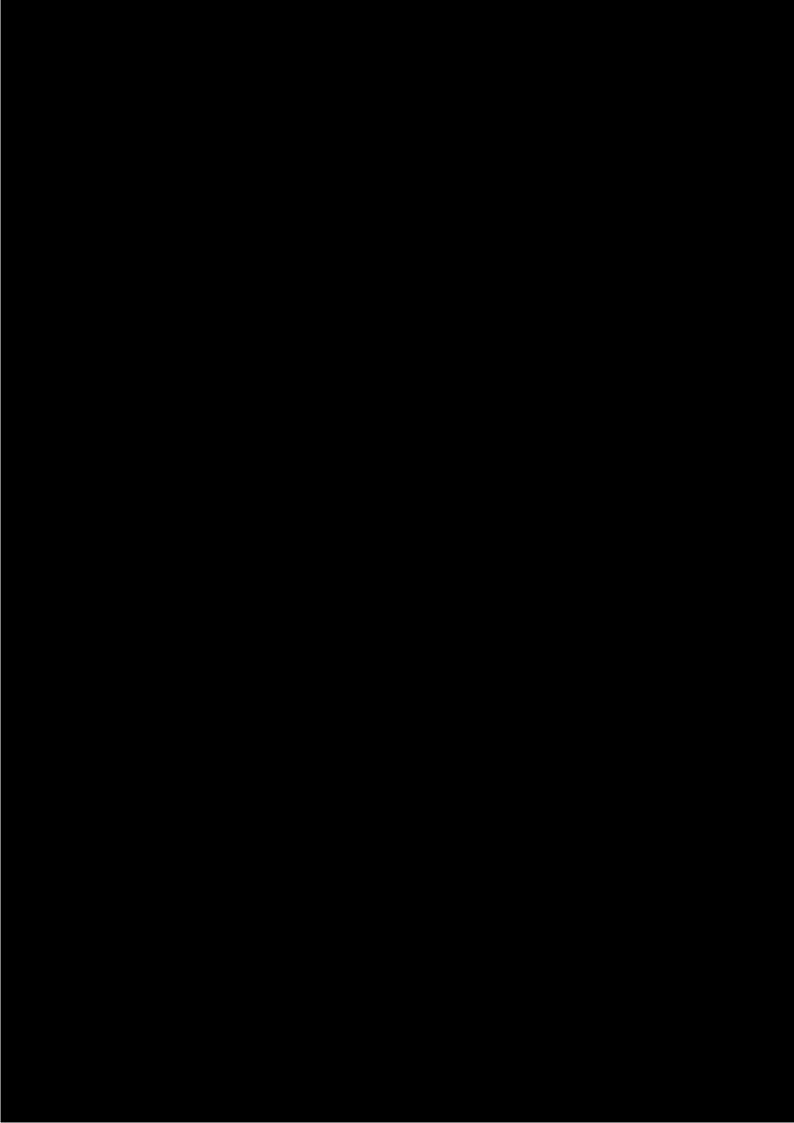


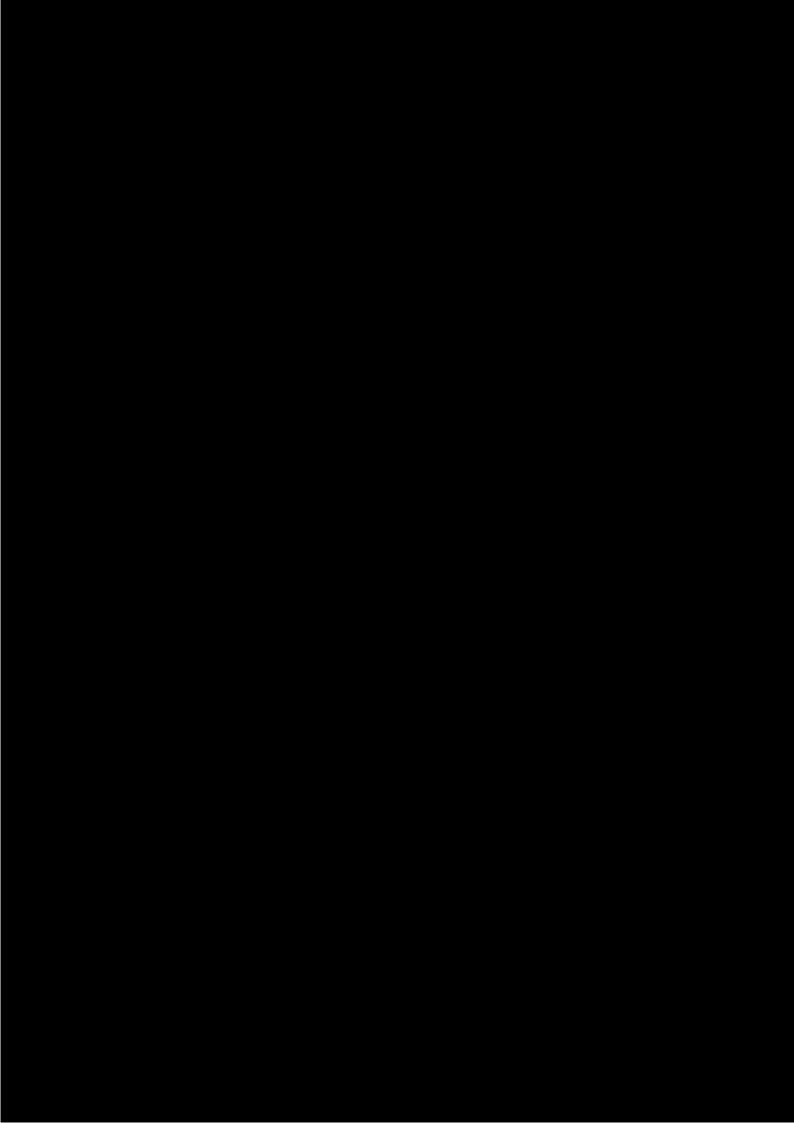


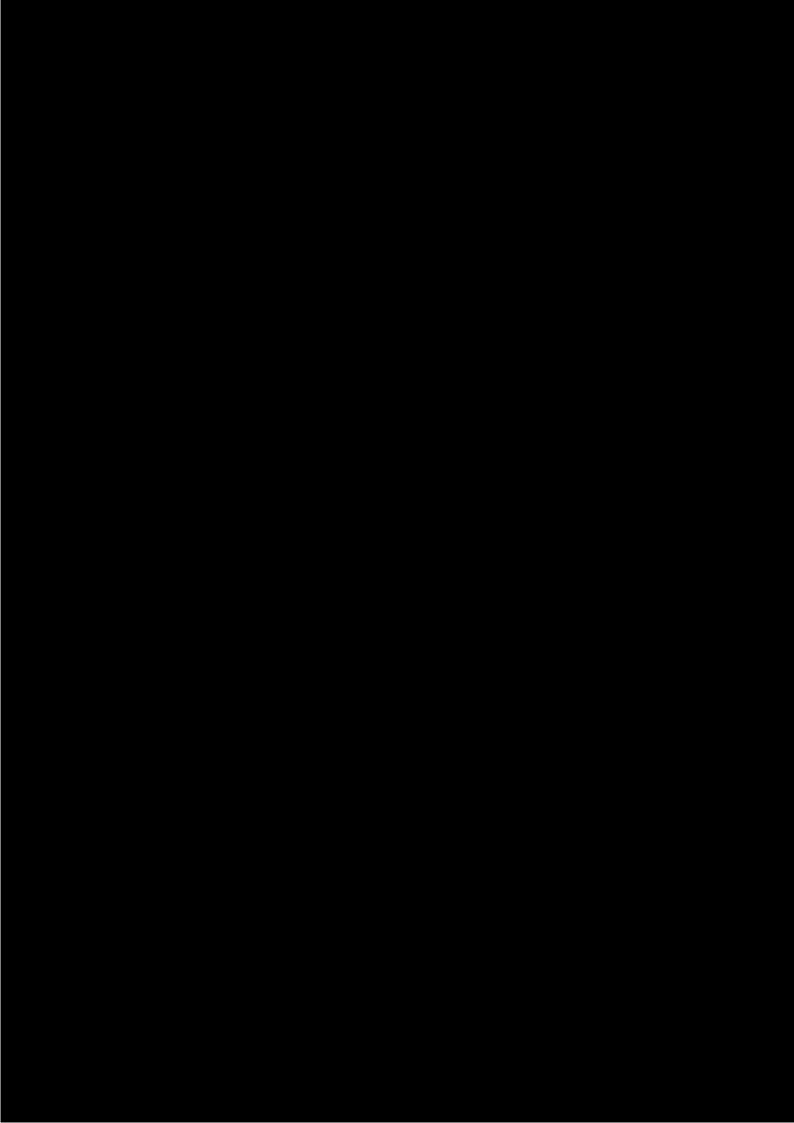


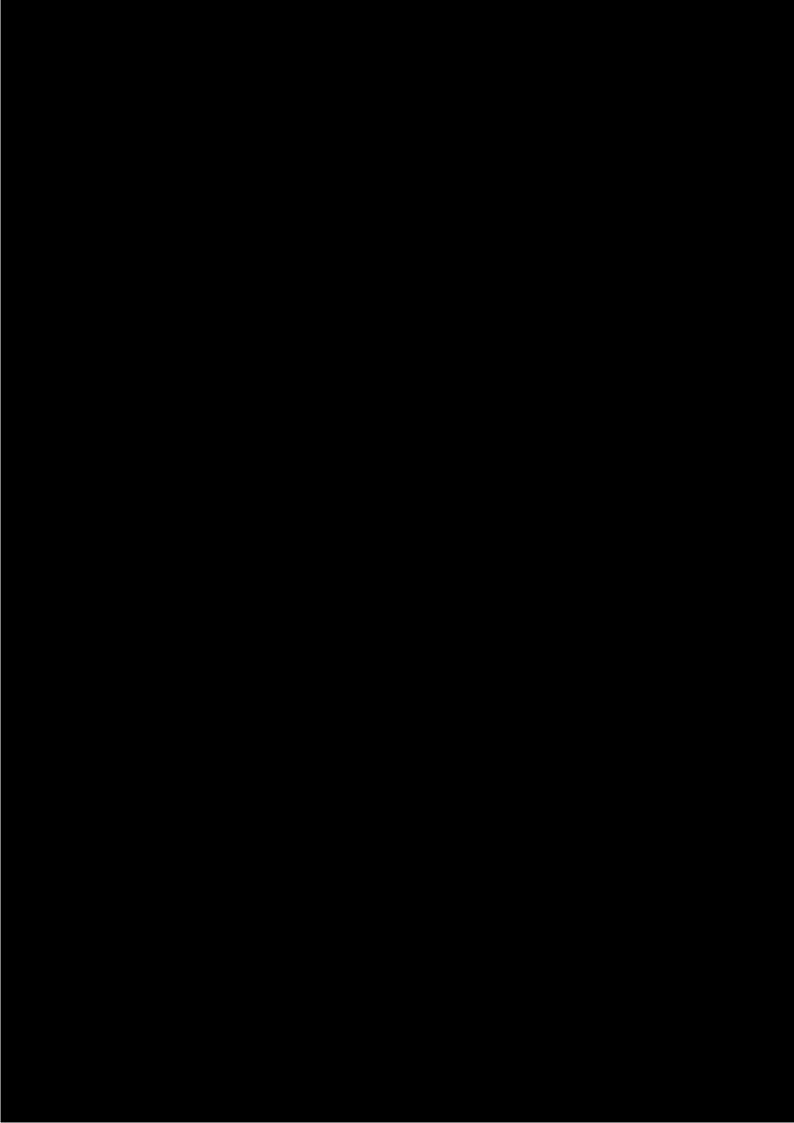


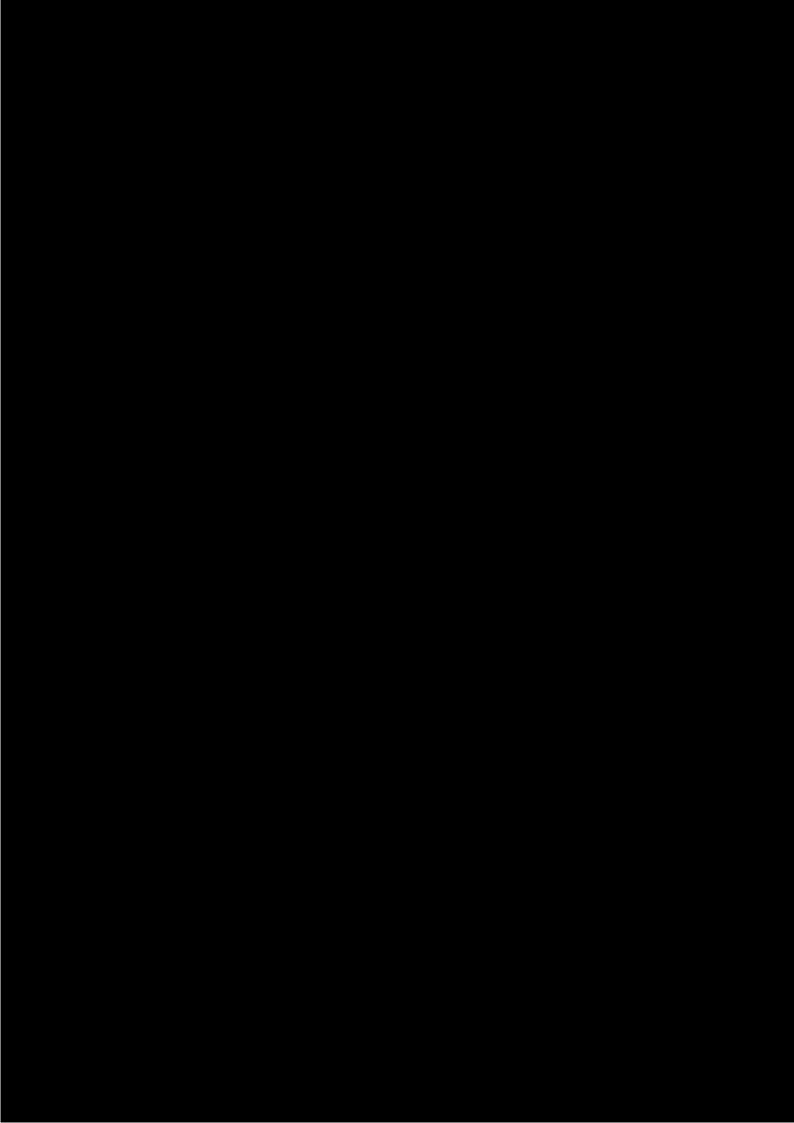


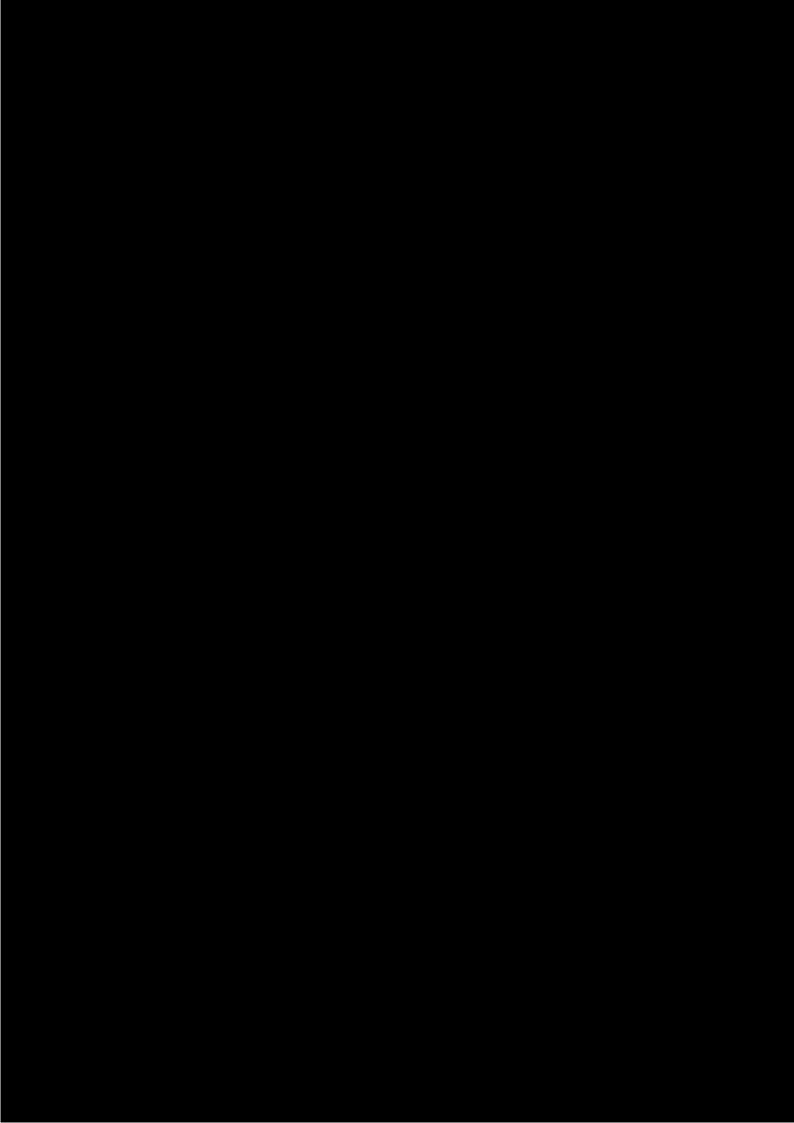


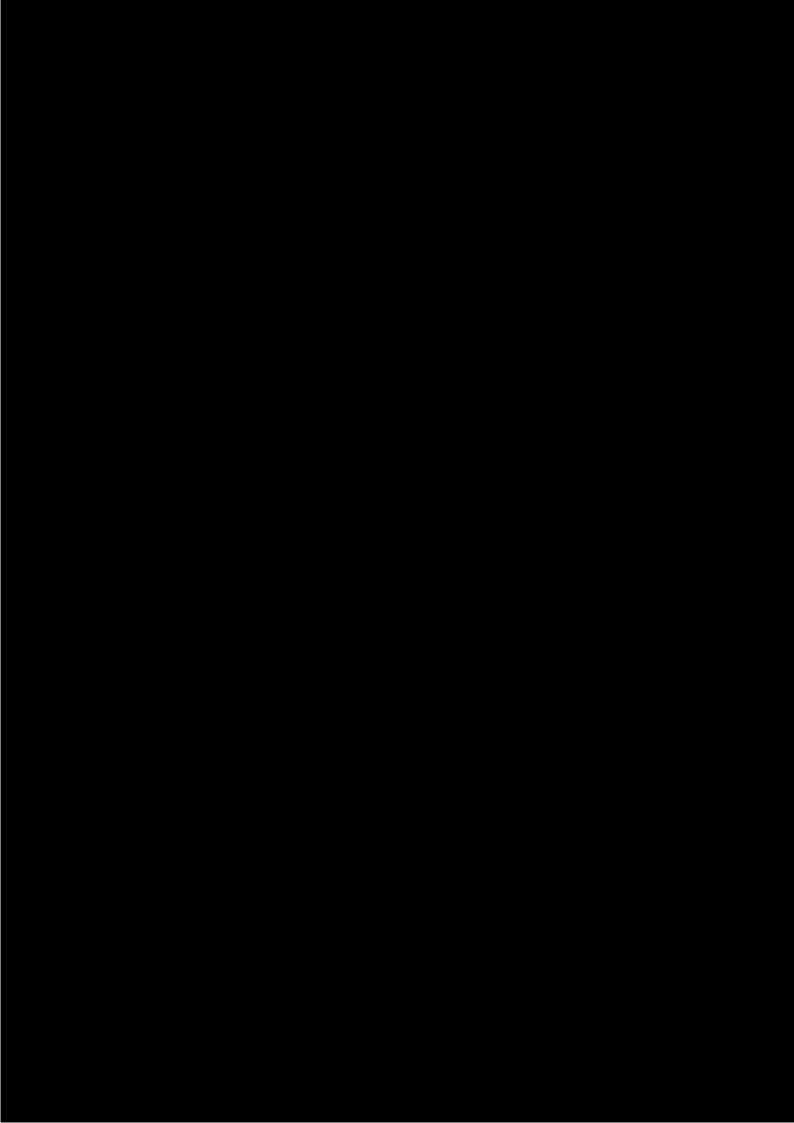


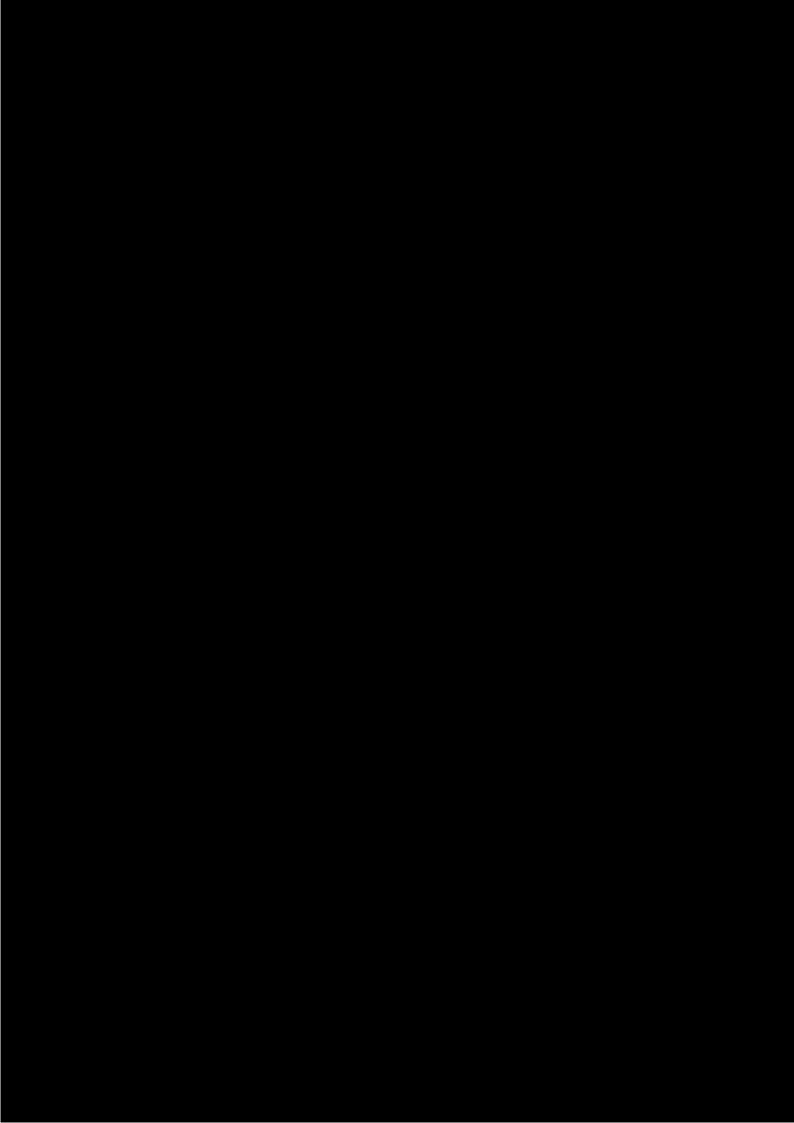


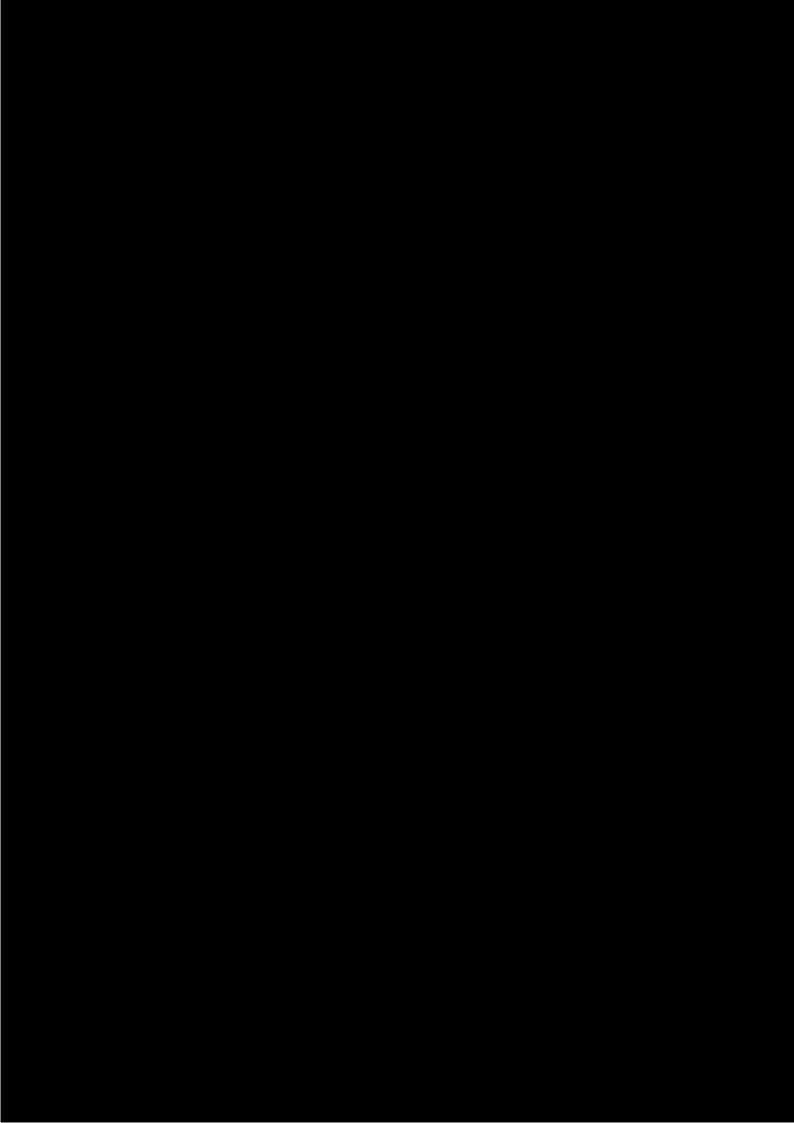


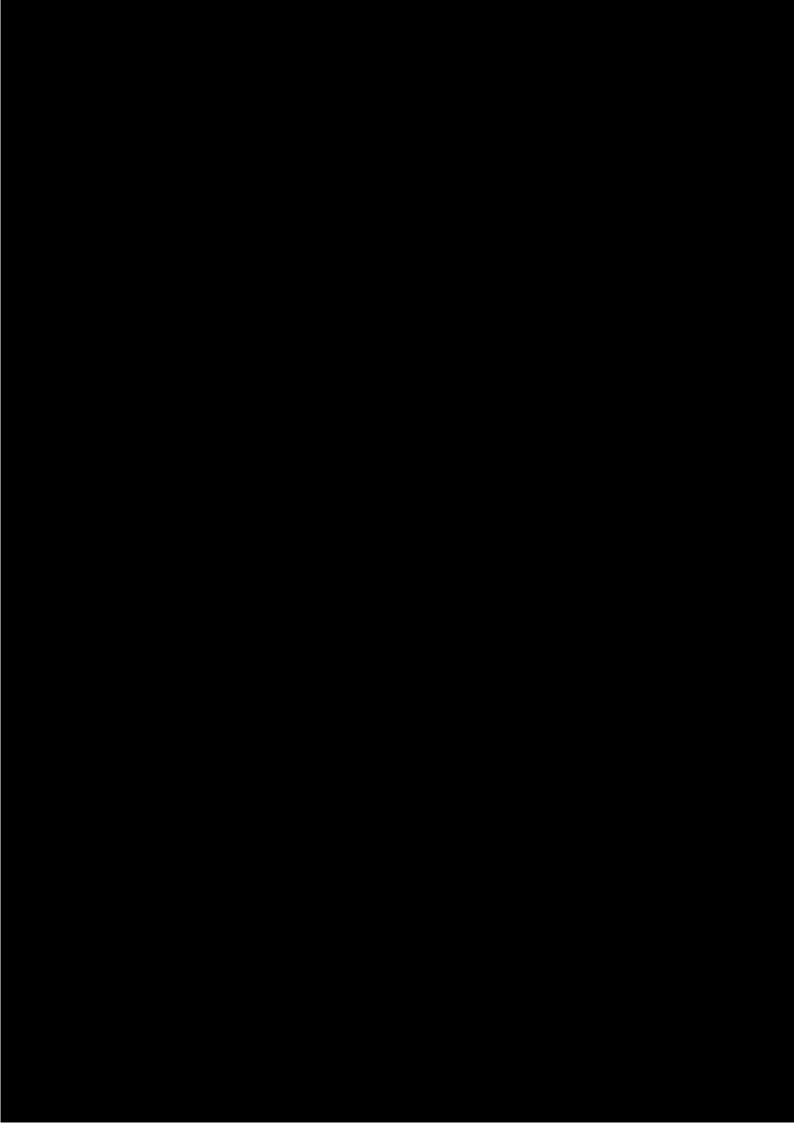


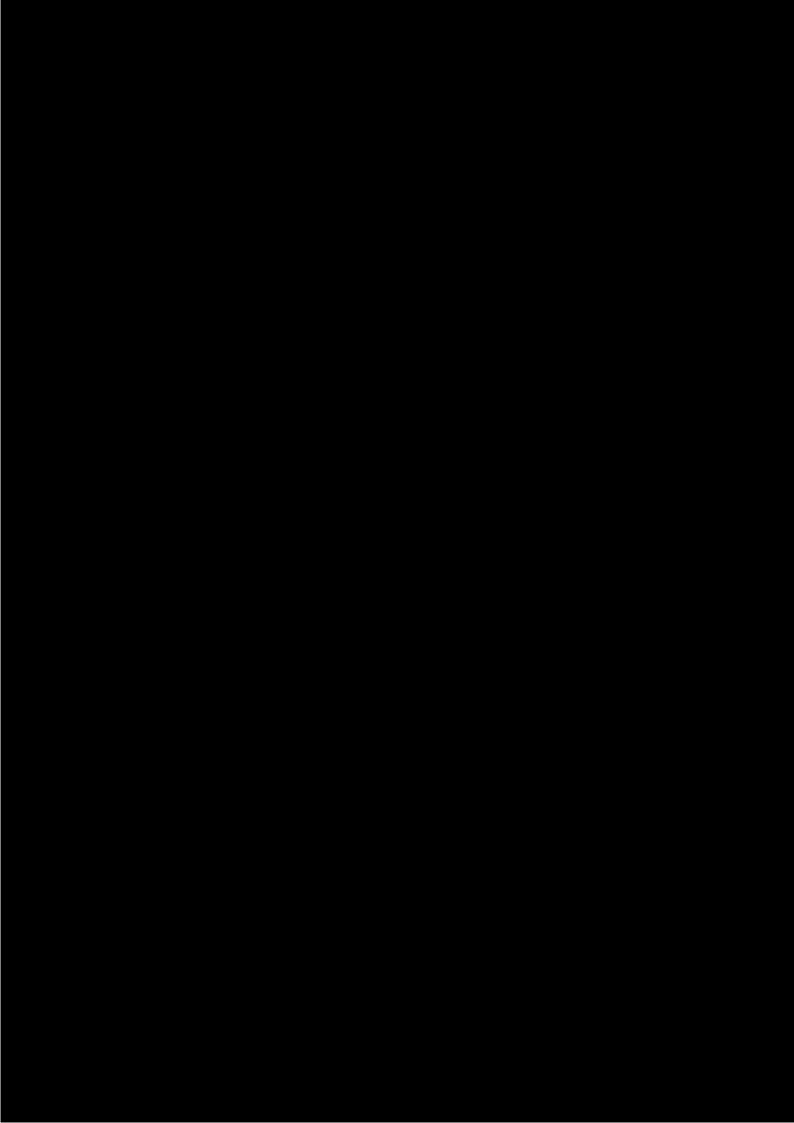


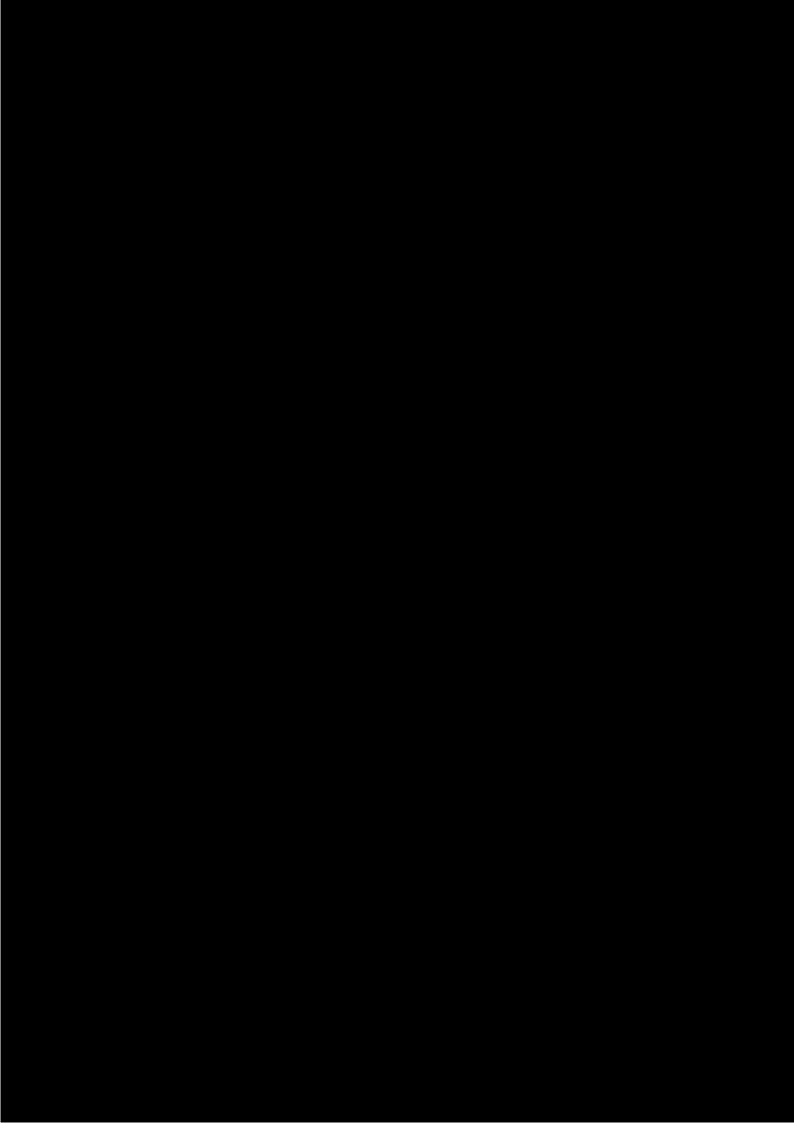


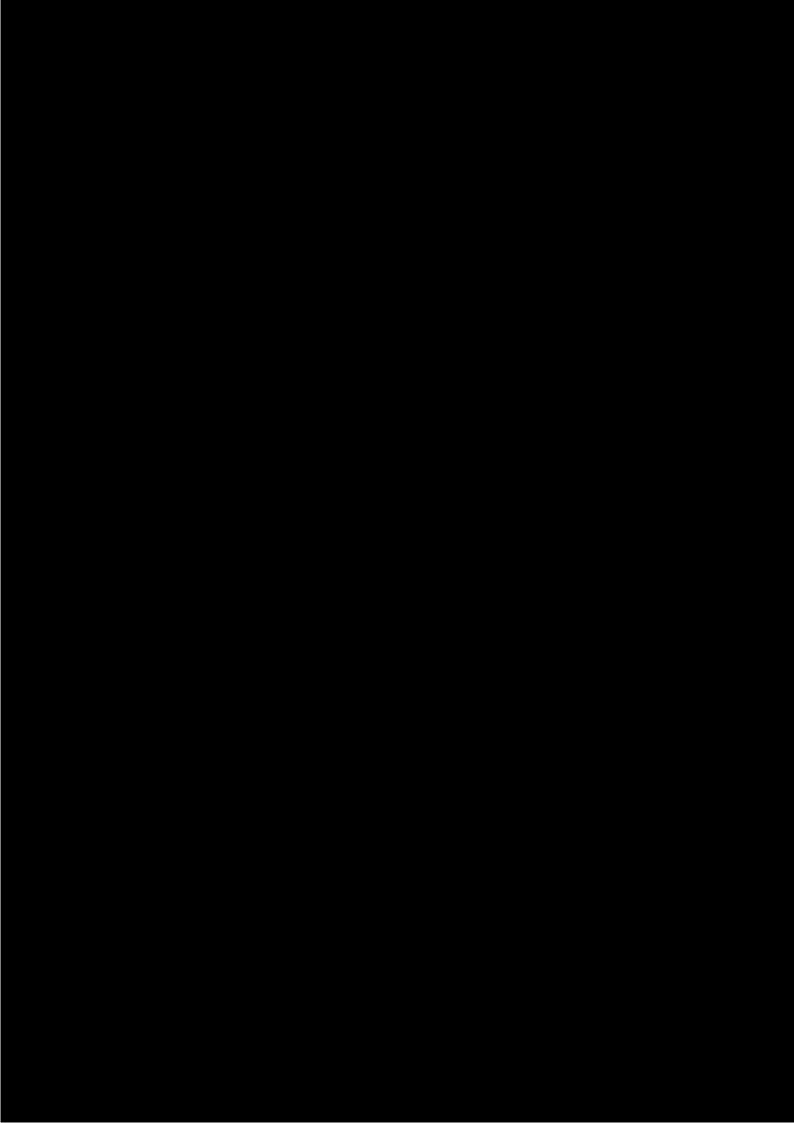


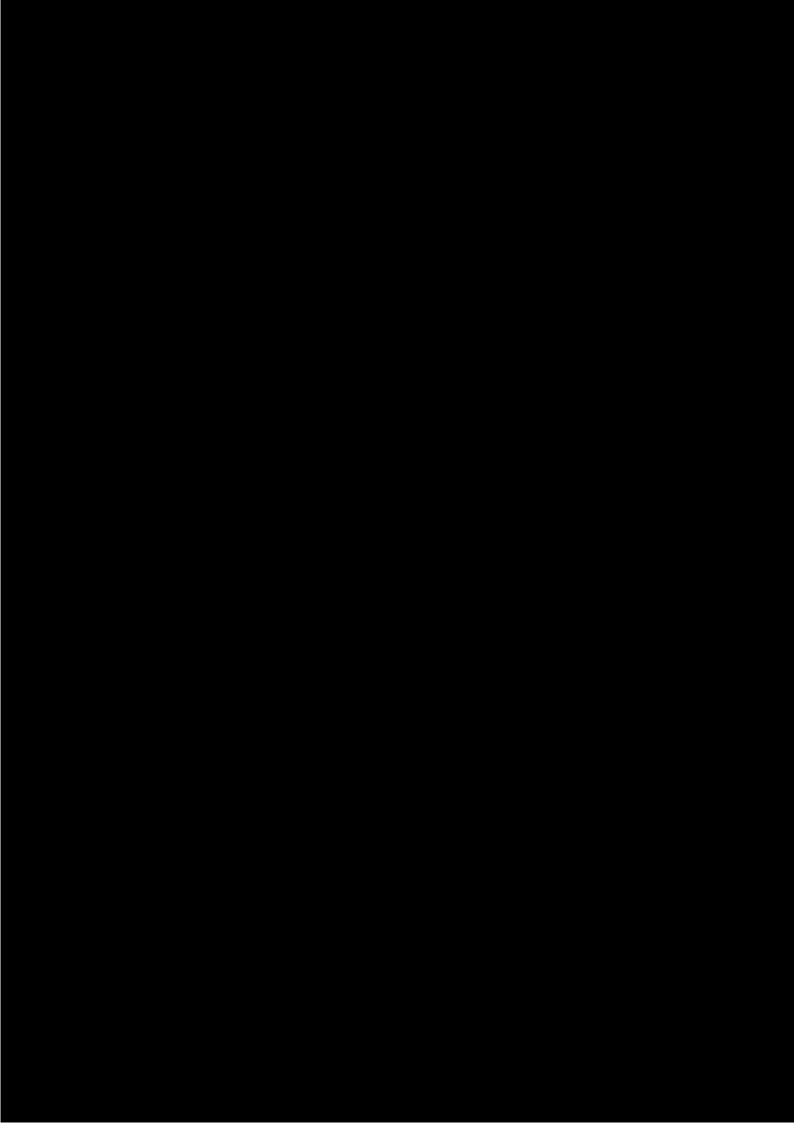


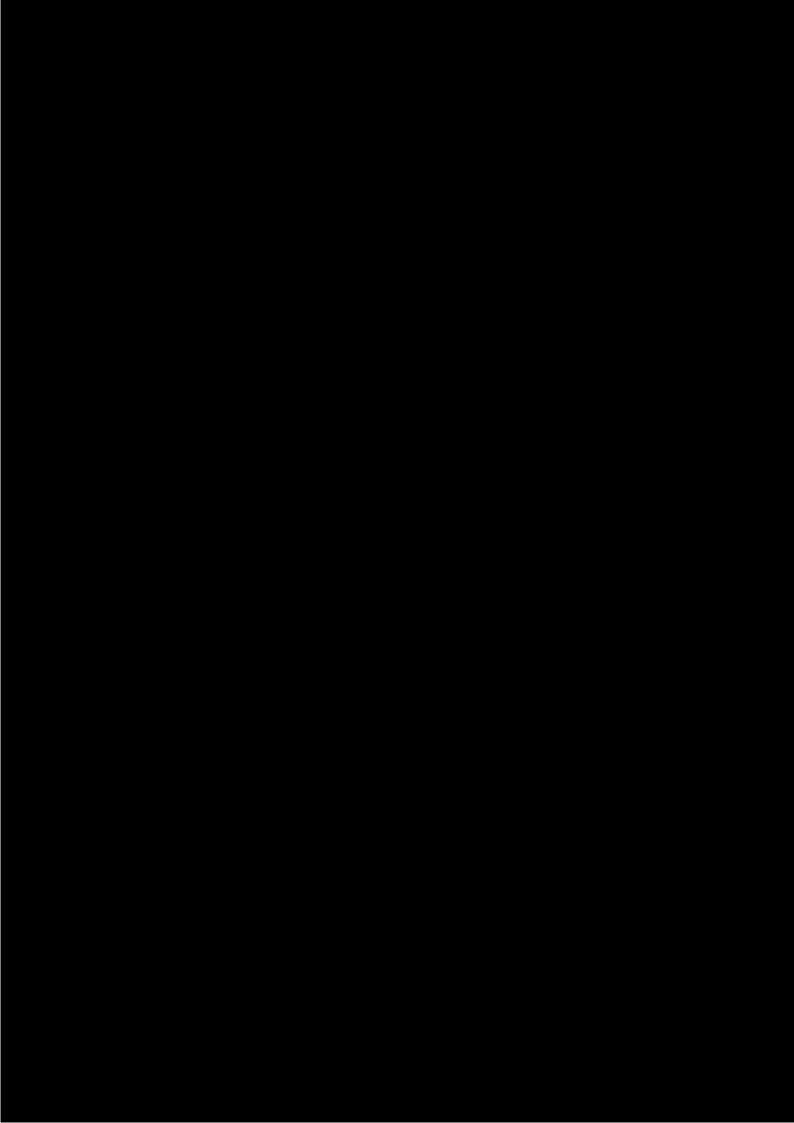


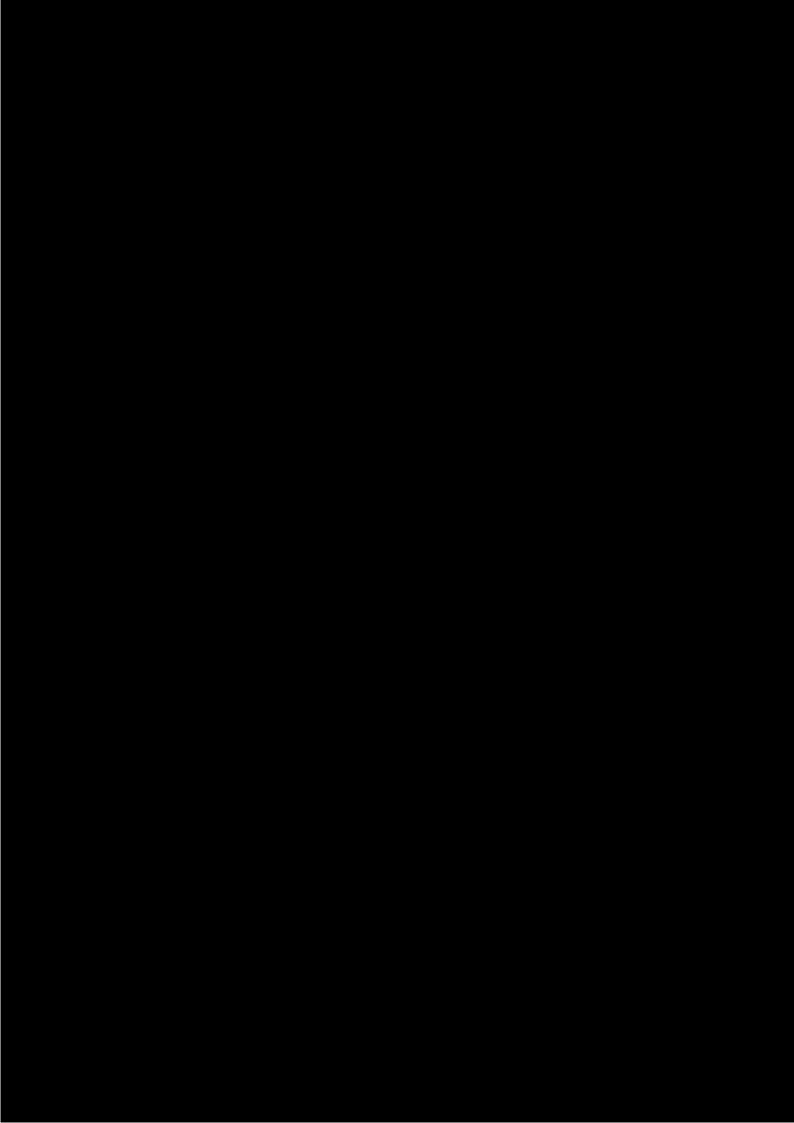


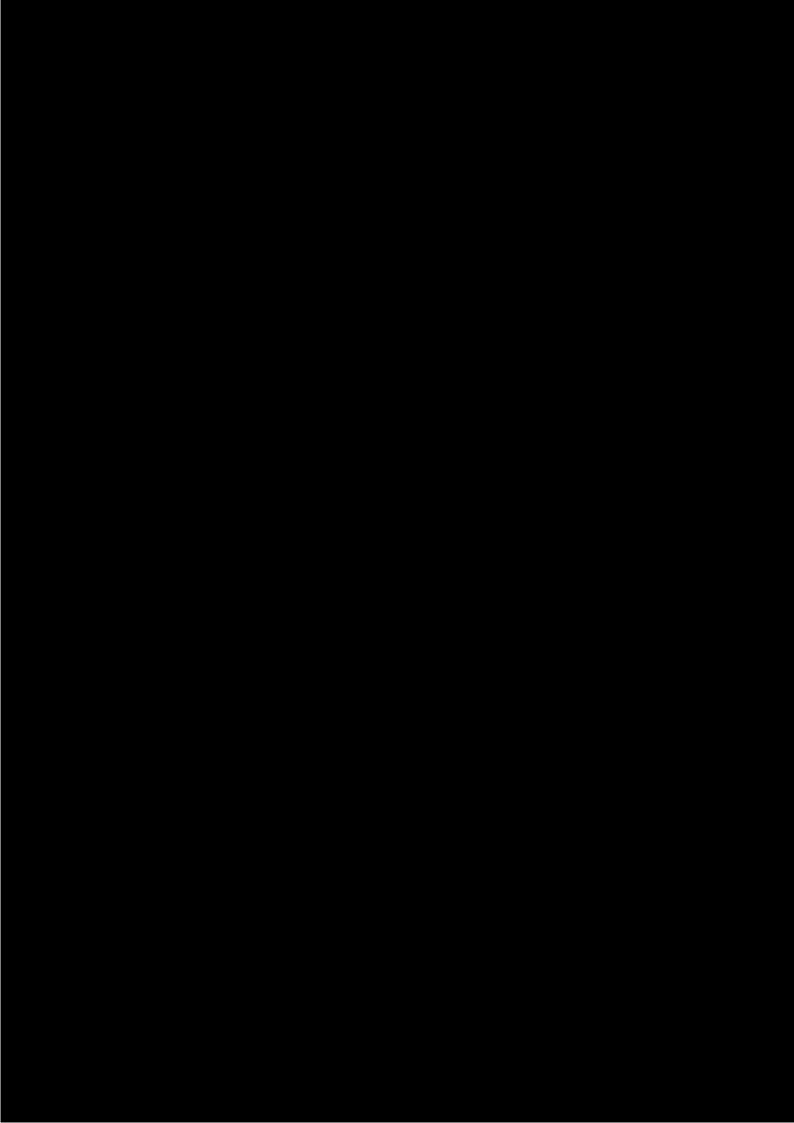


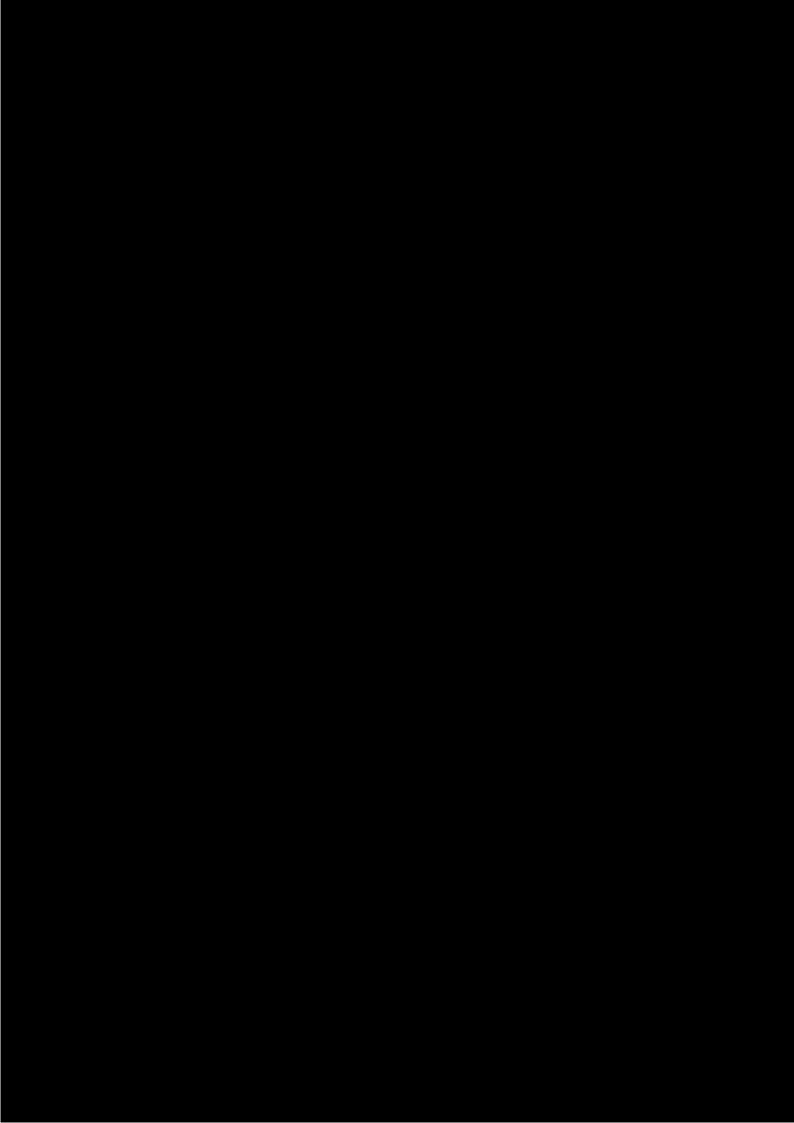


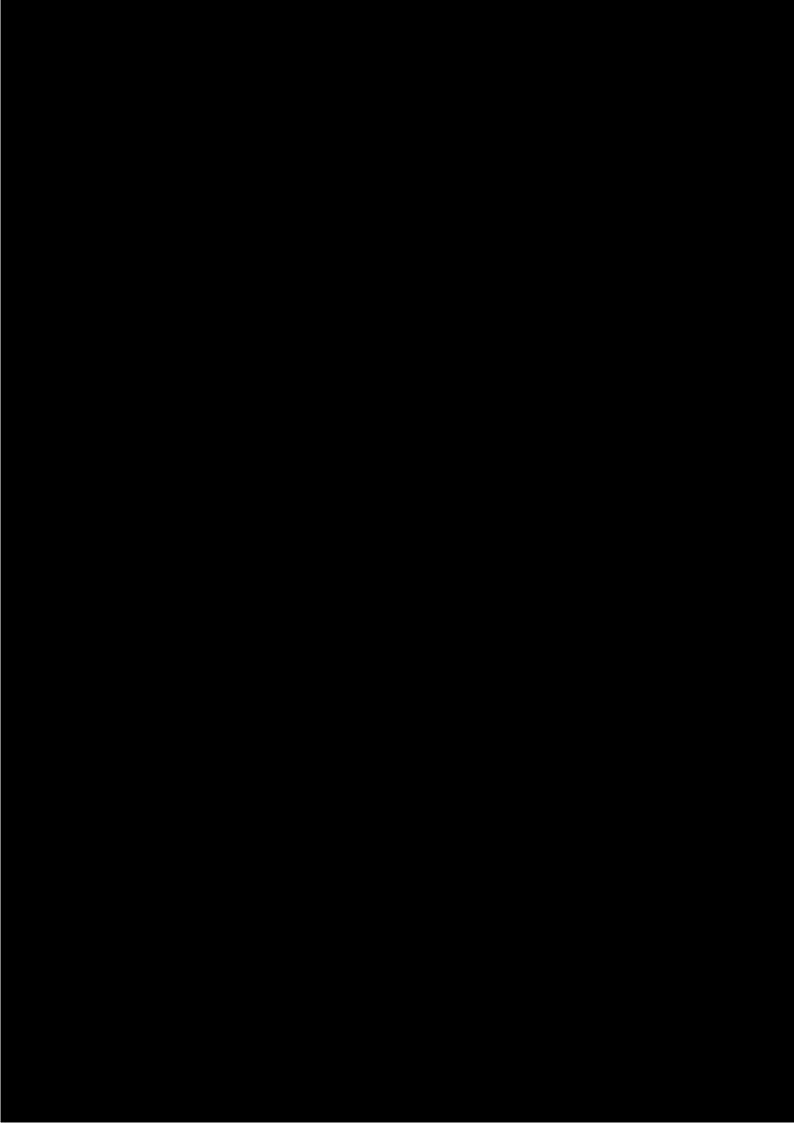


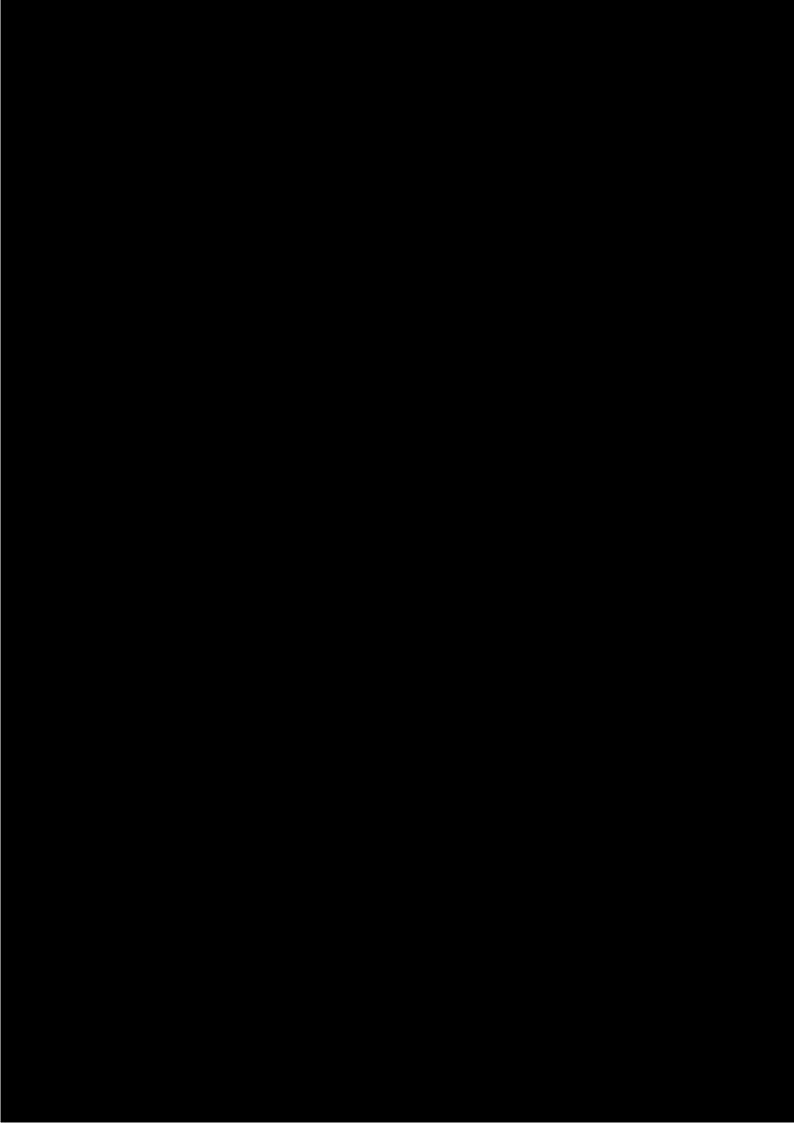


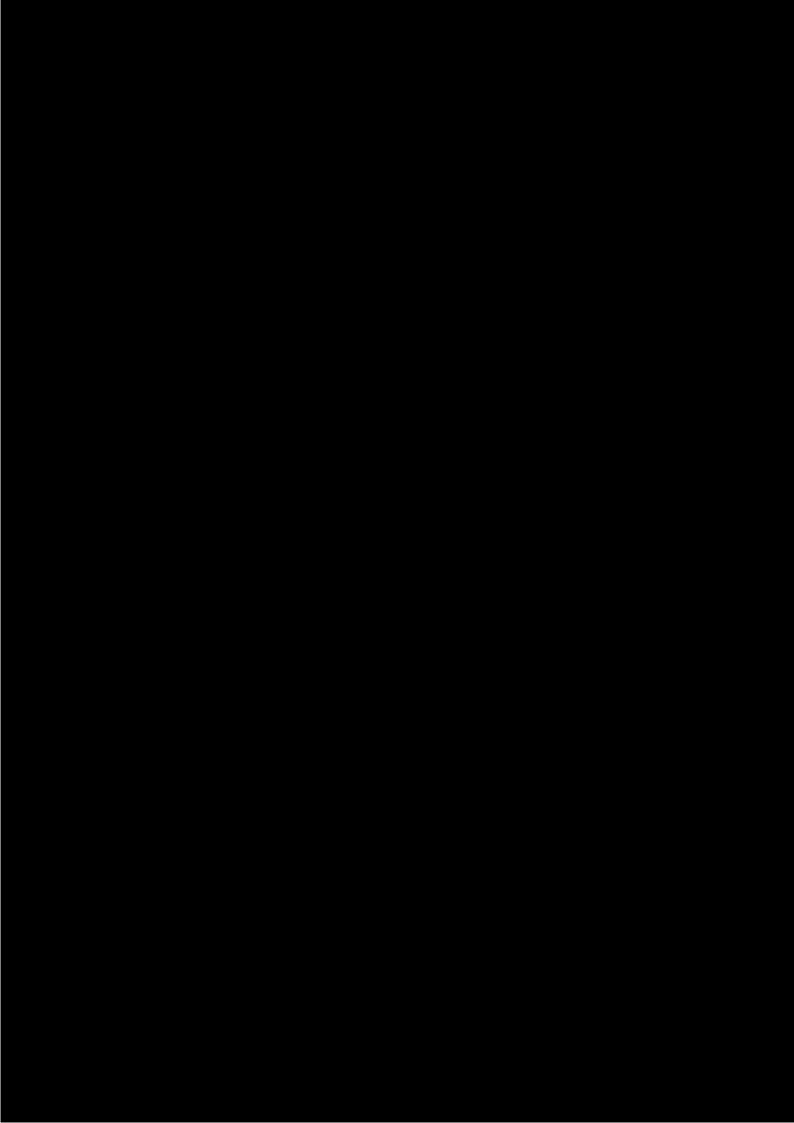


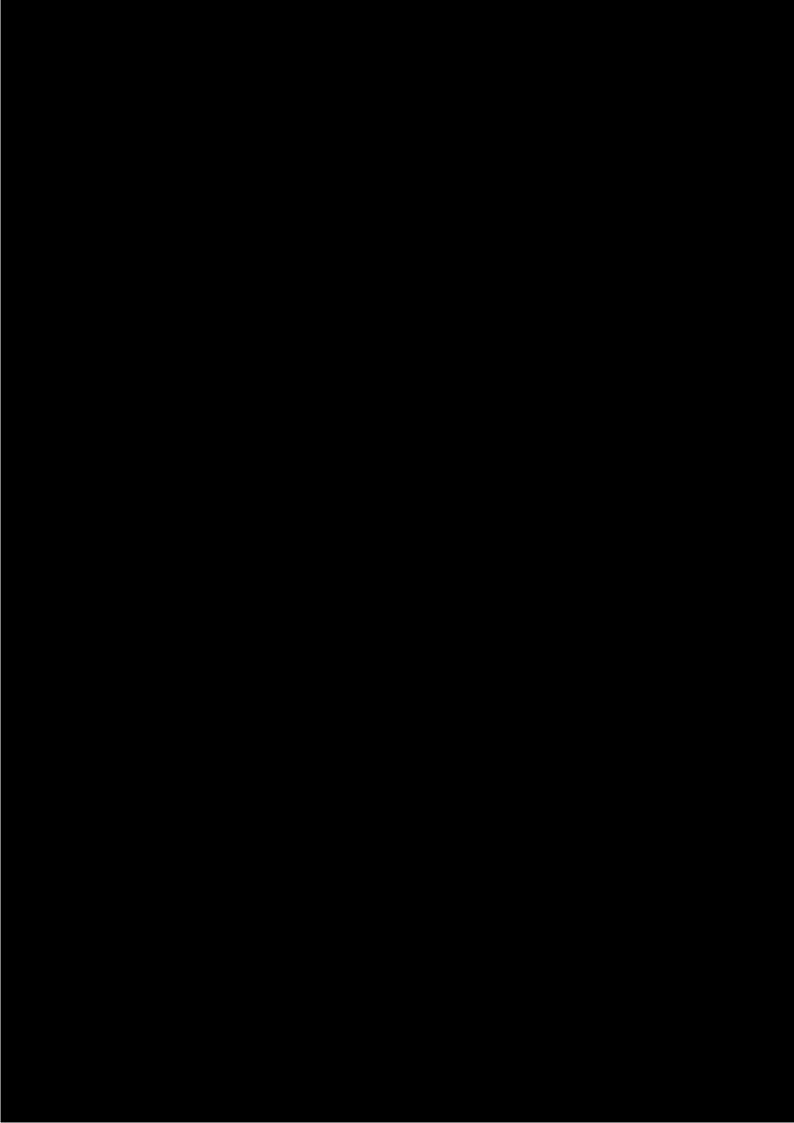


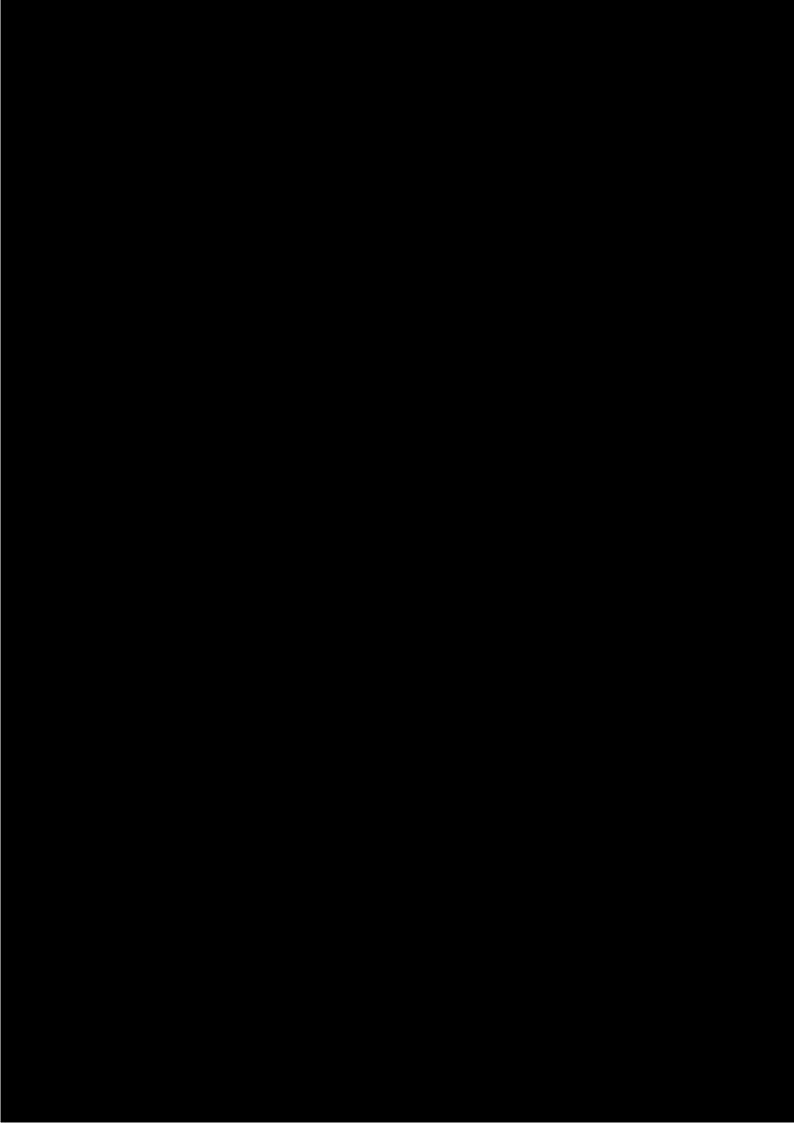


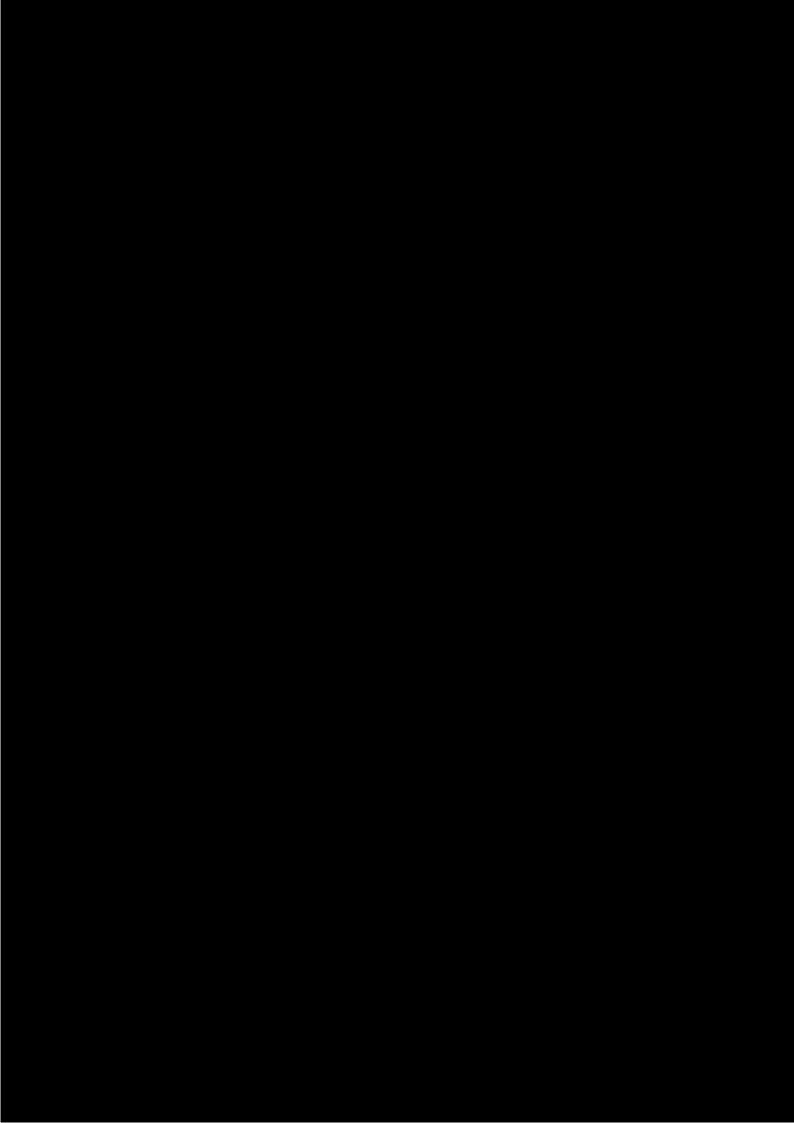


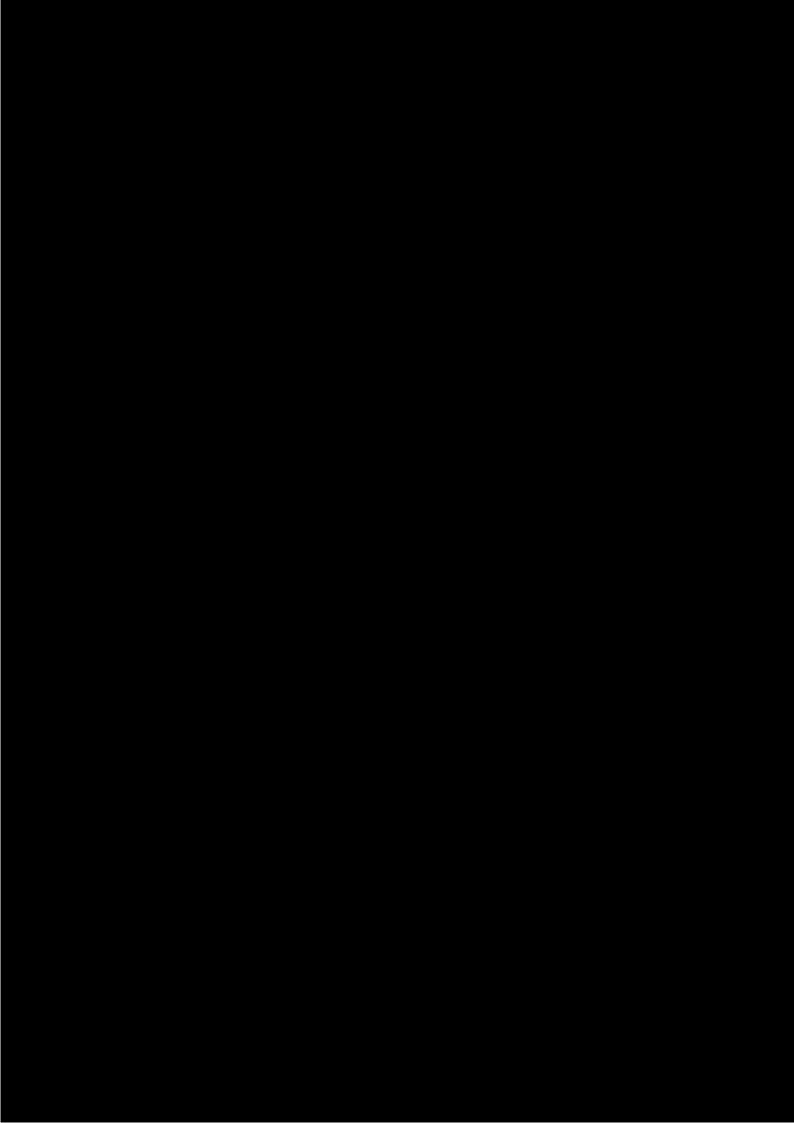


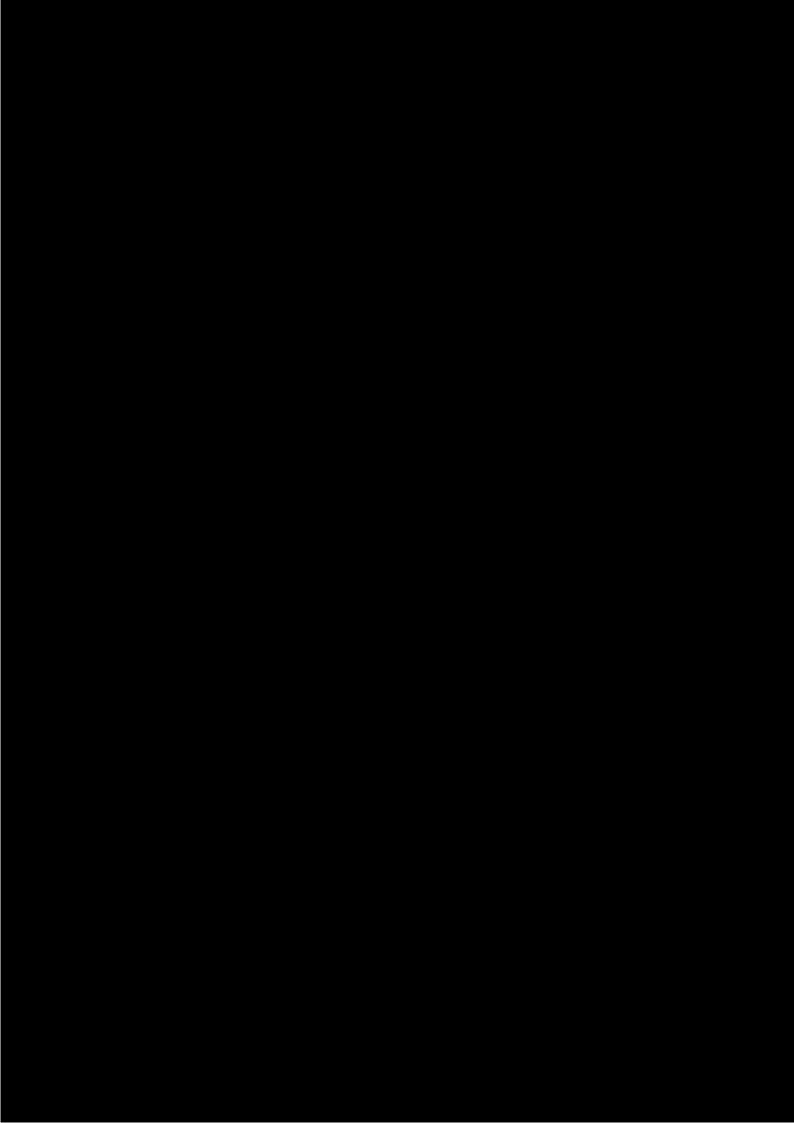


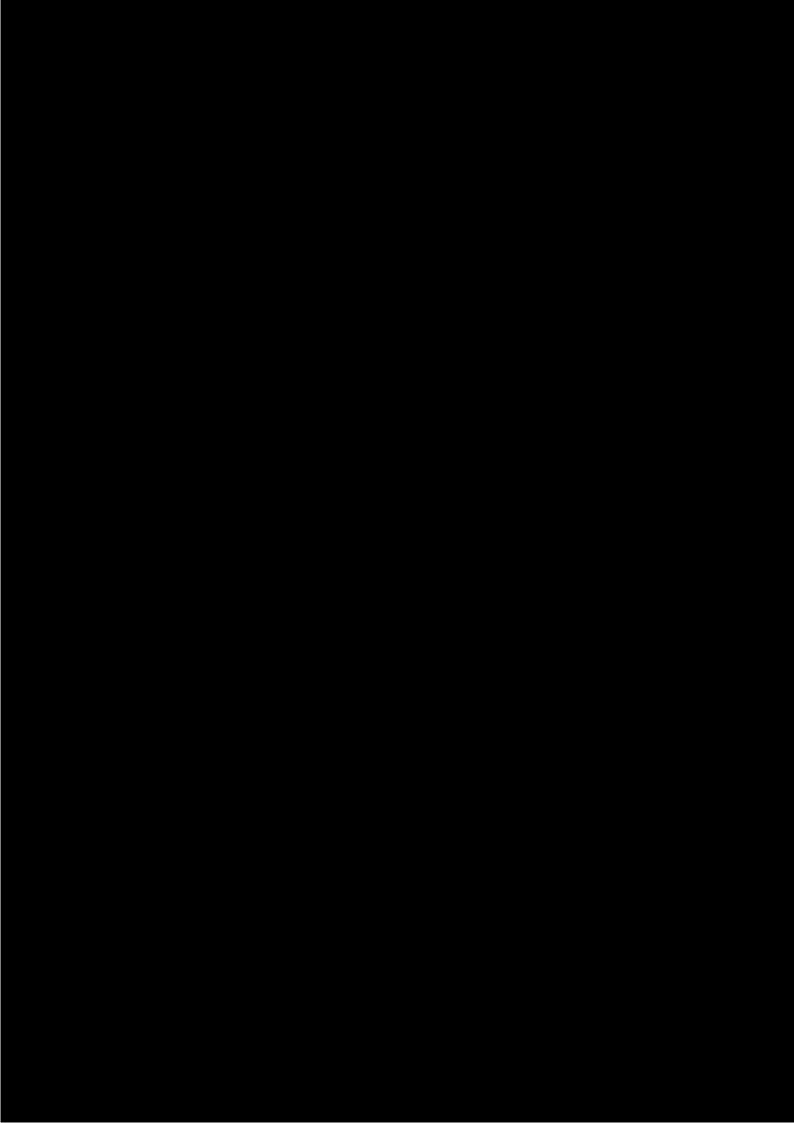


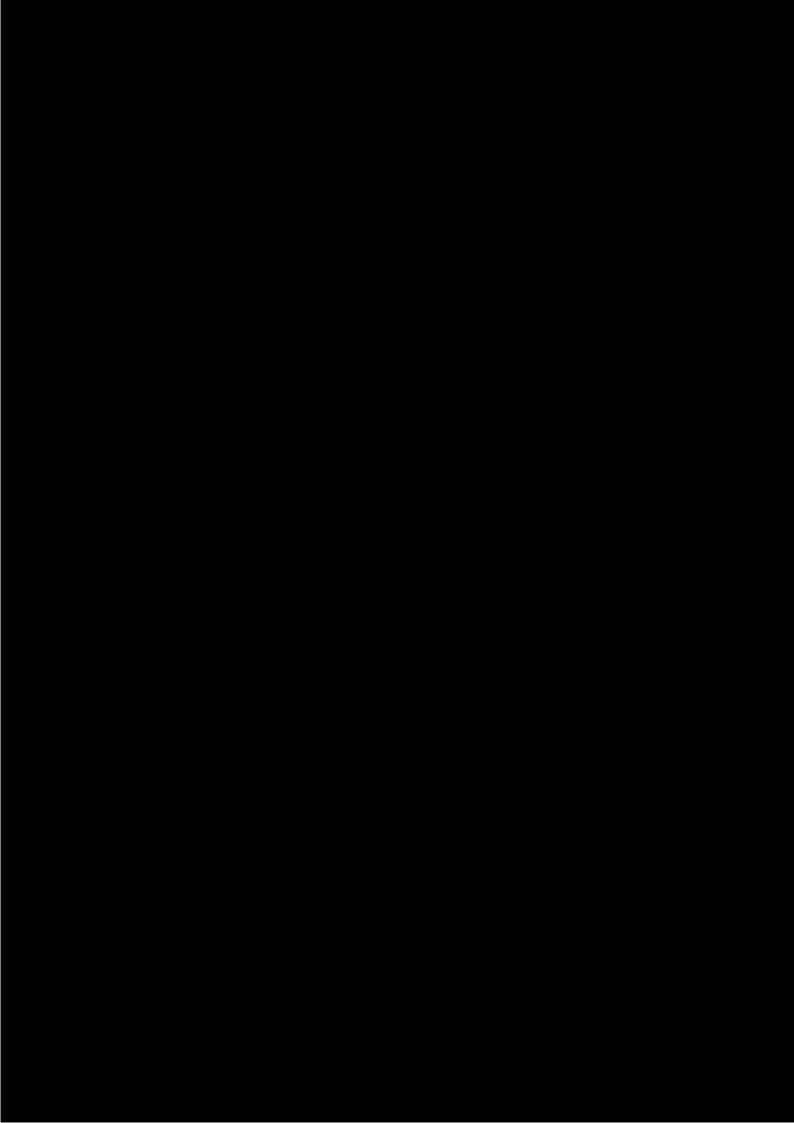


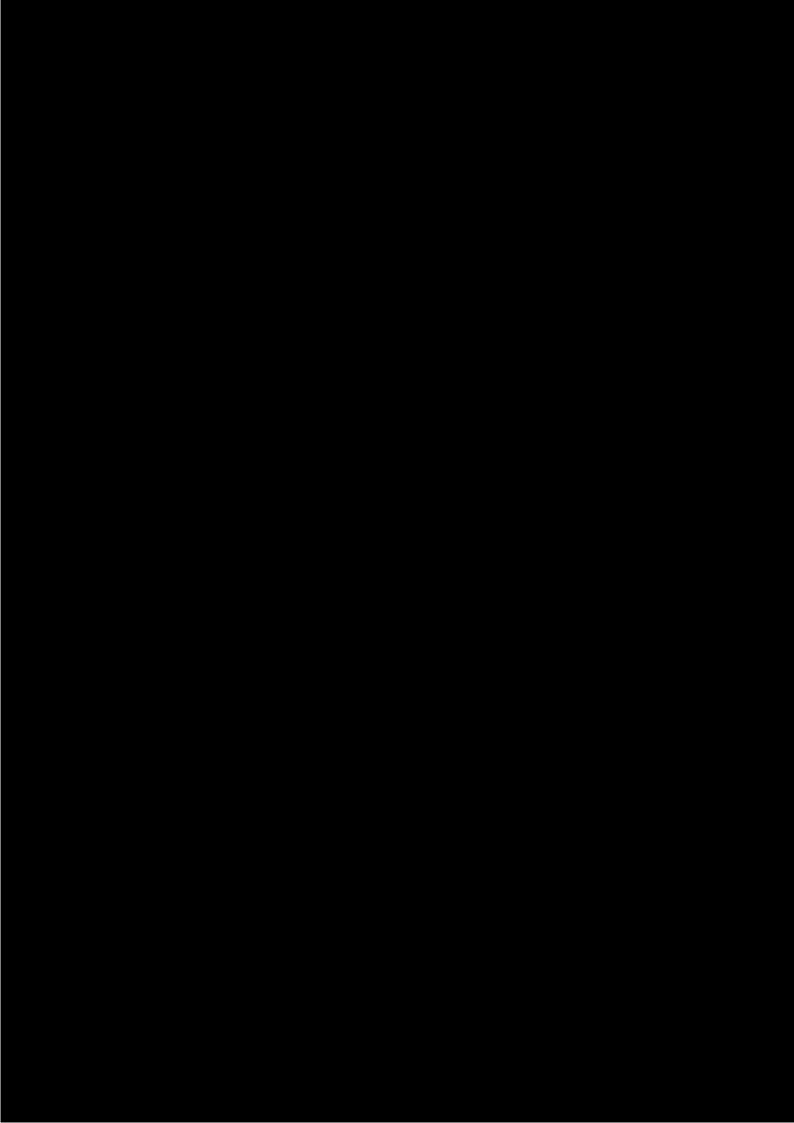


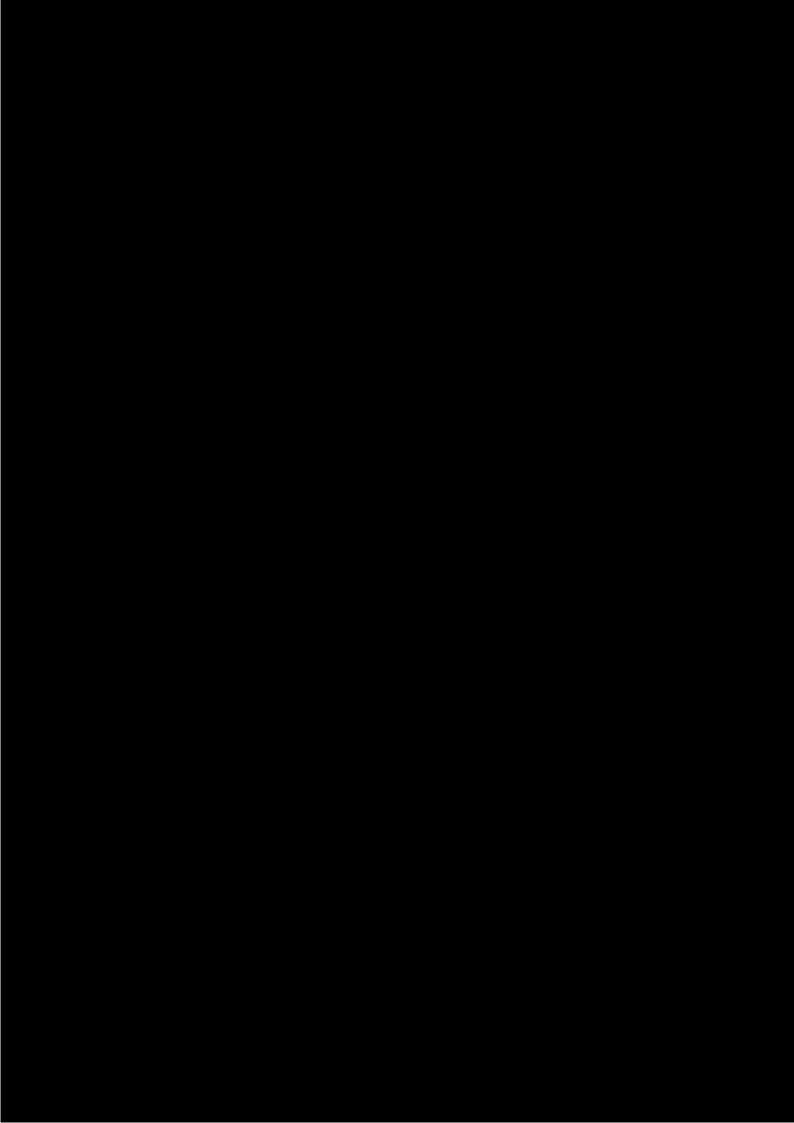


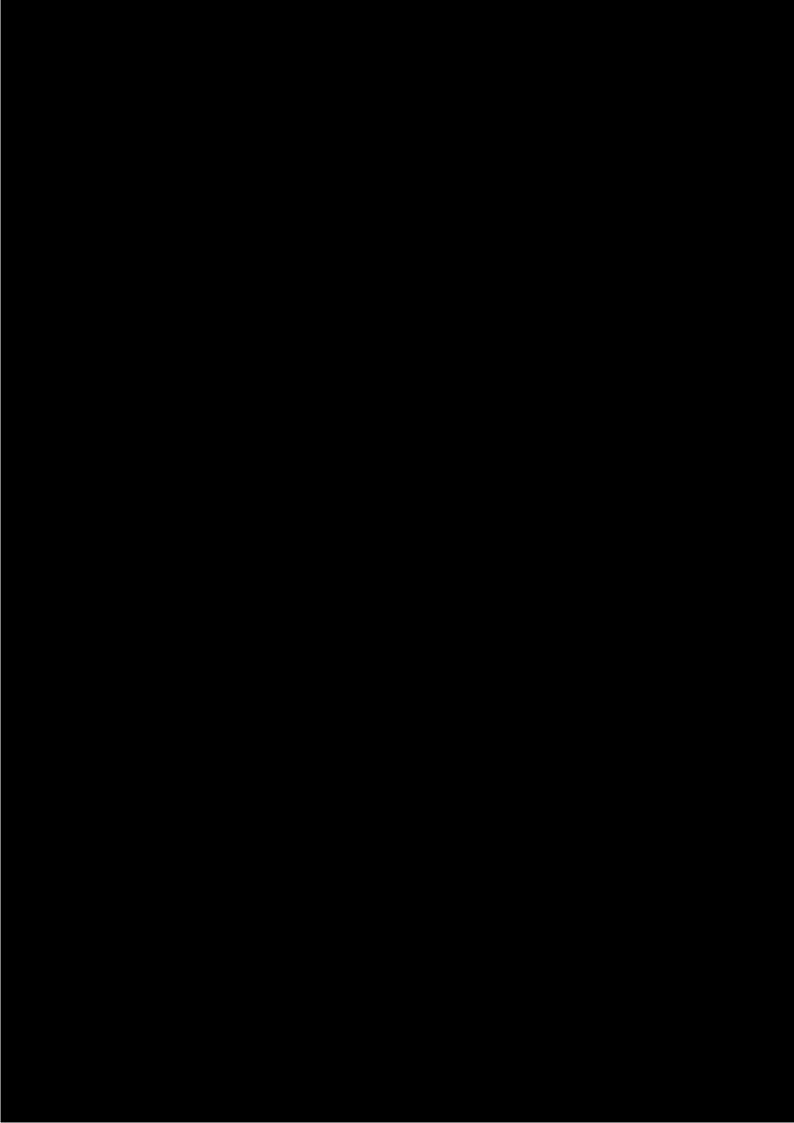


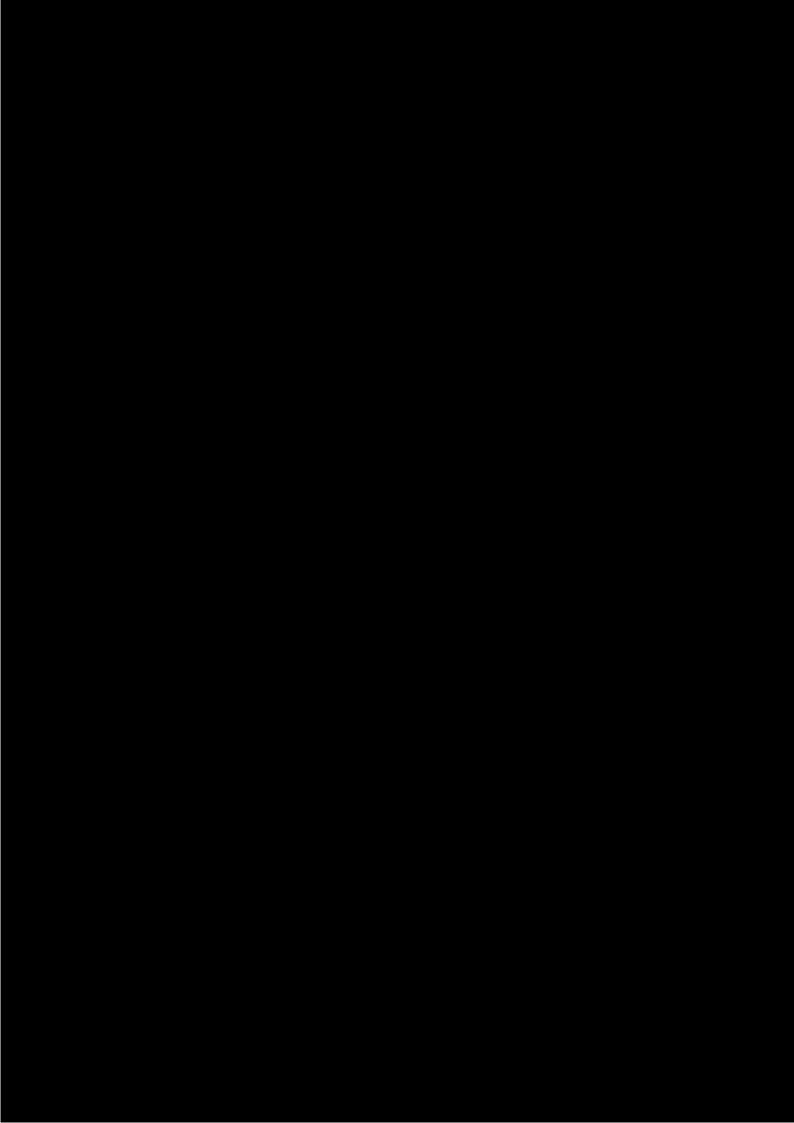


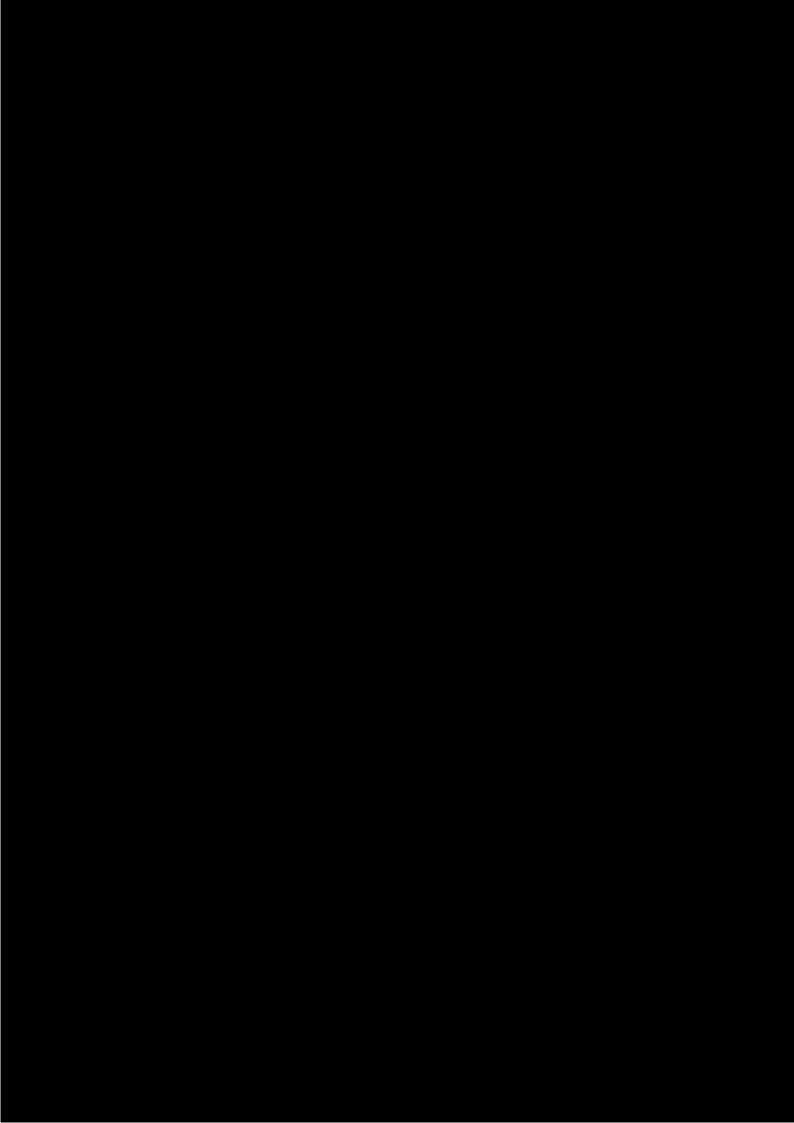


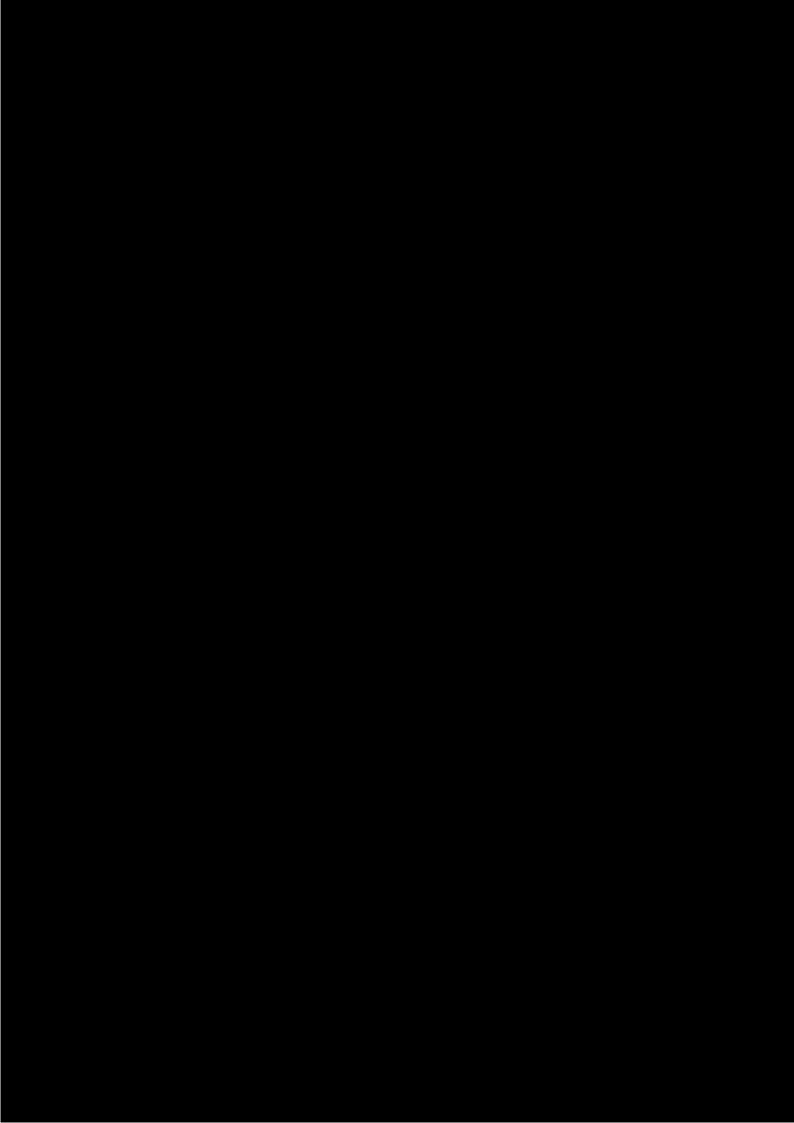


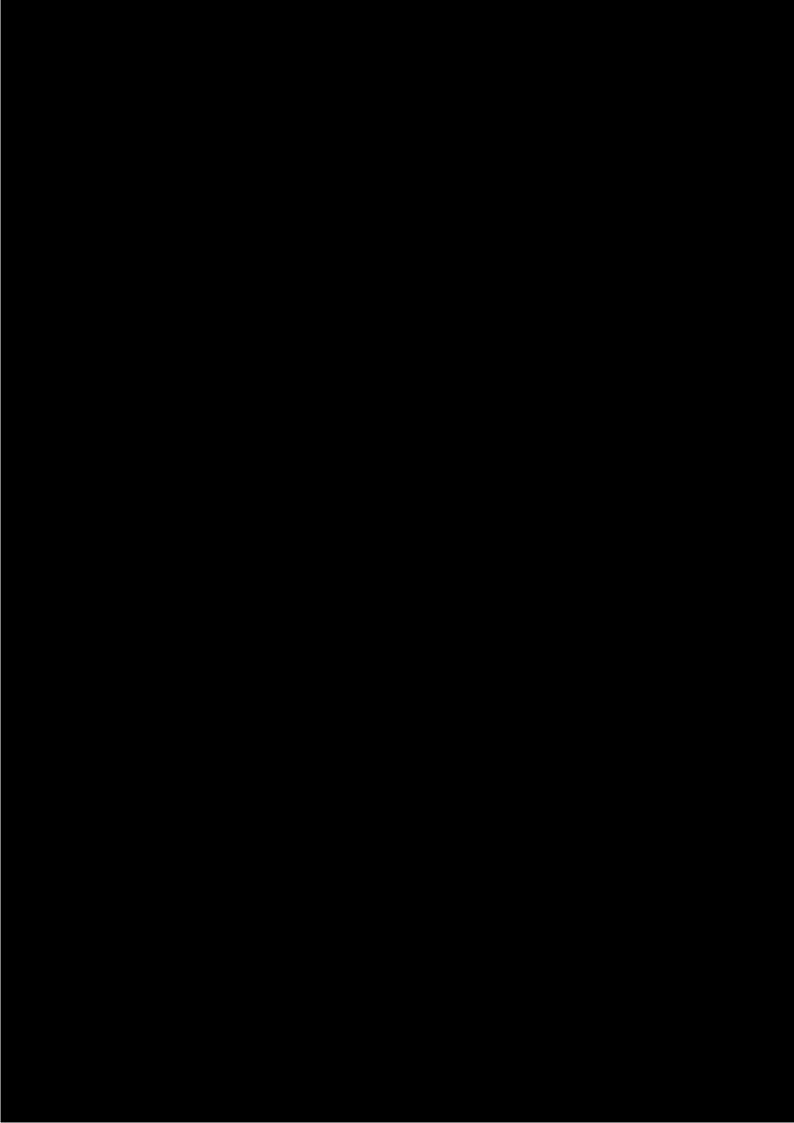


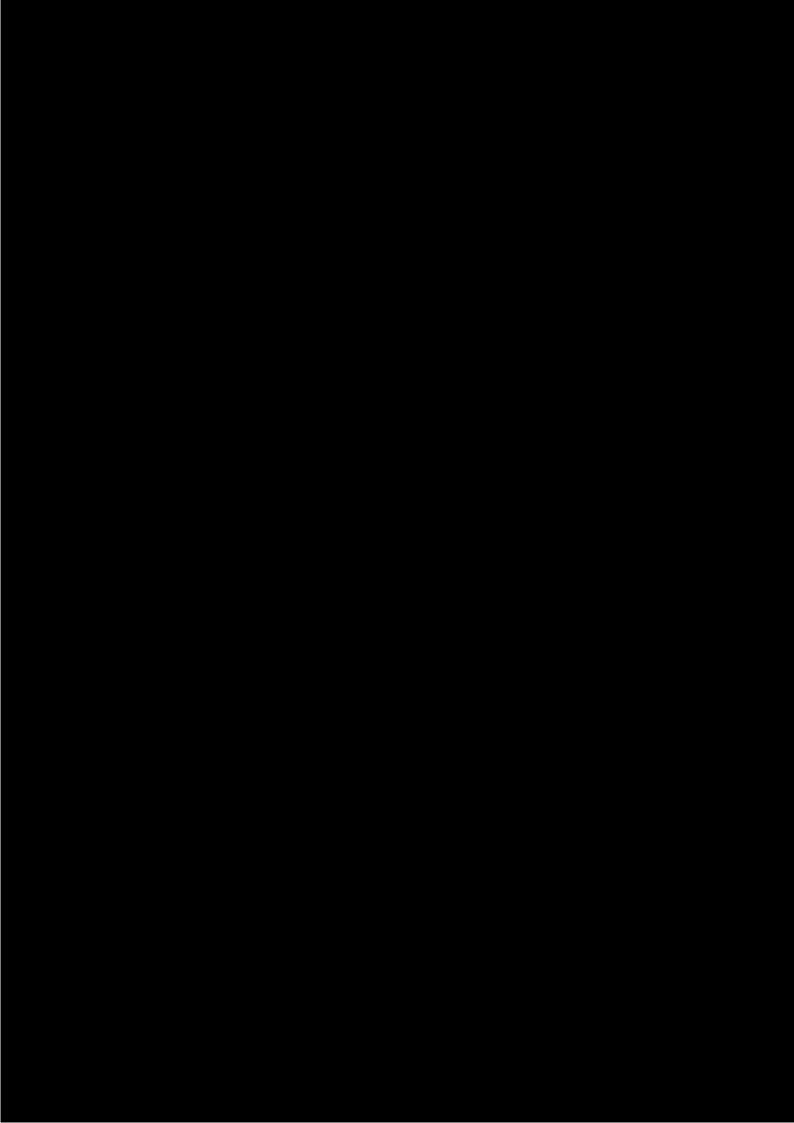














ACRONYMS & ABBREVIATIONS

A

Accum Depr'n Accumulated Depreciation

ACE Area Control Error

ADT Arbitrage Pricing Theory

AFUDC Allowance for funds used during construction

AMPS Ampere

ASAI Average System Availability Index

В

BBD/Bds Barbados dollars

BLPC The Barbados Light & Power Company Limited

BNEP The Barbados National Energy Policy

BOP Balance of Plant
Stock Exchange
Btu British thermal unit

C

CAIDI Customer Average Interruption Duration Index

CAPM Capital Asset Pricing Model
CaribRM Caribbean Risk Managers Limited

CARILEC Caribbean Electric Utility Services Corporation

CC&B Customer Care & Billing CEB Clean Energy Bridge

CETR Clean Energy Transition Rider

CDSs Credit Default Swaps

CIS Customer Information Systems

CND Canadian Dollars

CSFR Customer Services Field Representative CSR Customer Services Representative

Cogen Cogeneration COS Cost of Service

CPI Consumer Price Index CT Current Transformer

CWIP..... Construction work in progress

D

DA Distribution Automation
DCF Discounted Cash Flow
Discounted Cash Flow

DCS Distributed Control Systems

D/E Debt/Equity Ratio

DEM Distribution Equipment Monitoring

Depr Depreciation

DGA Dissolved Gas Analysis

Div Dividend

DMS Distributed Management System
DOS Days of Service
DRS Disaster Recovery Site
DS Domestic Service
DSM Demand Side management

Ε

ECAP Empirical Capital Asset Pricing Model ECOS Embedded Cost of Service

ECI Emera Caribbean Inc.
EEI Edison Electric Institute

EIA Energy Information Administration ELPA Electric Light and Power Act

EMP Employee

EPC Engineering Procurement Construction

EPS Earnings per Share

ERP Enterprise Resource Planning
ESIA Environmental and Social Impact

ESD Energy Storage Device

F

FASB Financial Accounting Standards Board

FCA Fuel Clause Adjustment

FDIC Federal Deposit Insurance Corporation

FDL Firm Demand Level

FERC Federal Energy Regulatory Commission

FIT Feed-In-Tariff

FTC Fair Trading Commission

FV Fair Value

G

GAAP..... Generally Accepted Accounting Principles

GDP..... Gross Domestic Product

GEED Government Electrical Engineering Department

GIS Geographic Information System

GoB Government of Barbados

GS General Service
GT Gas turbine
GWh Gigawatthour

Н

HC..... Historic Cost
HFO Heavy Fuel Oil

HPS High Pressure Sodium

HSEQ Health Safety Environment & Quality

Hz Hertz (Cycles per second)

IASInternational Accounting StandardsIASBInternational Accounting Standards BoardIDCInterest During Construction

IEEE Institute of Electrical and Electronic Engineers Inc

IFRIC International Functional Reporting Interpretations Committee

IFRS International Financial Reporting Standards

IGV Inlet Guide Vane

IMF..... International Monetary Fund IPP..... Independent power producer

K

kV..... Kilovolt

kVA Kilovolt ampere

kW Kilowatt Kilowatthour

L

LED Light Emitting Diode
LoLP Loss of Load Probability

LP Large Power

LRMC..... Long-run marginal cost LSD Low speed diesel

М

MAD Monthly Average Demand

Maint Maintenance

Mcf Thousand cubic feet MCP Monthly Coincident Peak

MDMS Meter Data Management Systems

MESBE Ministry of Energy Small Business and Entrepreneurship

MGE Madison Gas and Electric Company
MID Monthly Interruptible Demand

MSD Medium Speed Diesel MTC Manufacturing Tax Credit

MWD Megawatt
MWD Megawatt-Day
MWh Megawatthour

N

NARUC National Association of Regulatory Utility Commissioners
NASDAQ National Association of Securities Dealers Automated

Quotations

NBV..... Net Book Value NCP Non-coincident peak National Economic Research Associates, Inc. NERA Net Present Value NPV NYSE New York Stock Exchange 0 OEM Original Equipment Manufacturer Ocean Thermal Energy Conversion OTEC Operating & Maintenance O&M OMS Outage Management System Parsons Brinkerhoff PB Price-earnings ratio P/E PH Phase PIC **Public Information Consultation** PUB Public Utilities Board PV **Photovotaic** R RE Renewable Energy Renewable Energy Rider RER Reproduction Cost New RCN ROE Return on equity ROR Rate of return RPPA Renewable Purchased Power Adjustment RTO Regional Transmission Organisations S SAIDI System Average Interruption Duration Index System Average Interruption Frequency Index SAIFI Supervisory Control and Data Acquisition SCADA Securities Exchange Commission SEC SL Street Lighting SLEG St. Lucy Energy Gateway SVP Secondary Voltage Power SCO Synchronous Condensers T&D Transmission & Distribution TCDPO Town & Country Development Planning Office

Time-of-use (tariff)

Transformer

TOU

Transf

U

UPS..... Uninterruptible Power Supply Uniform System of Accounts US of A United States Dollars US

VAT..... Value Added Tax

Valued Ecosystem Components VEC

W

WACC Weighted Average Cost of Capital

Written Down Value WDV..... Work in Progress WIP WTE Waste to Energy