

A photograph of the Space Shuttle Columbia during launch, viewed from a low angle. The orbiter is attached to the external tank and solid rocket boosters. The orbiter has "USA" and a small American flag on its side. The boosters are firing, creating a large plume of white smoke and fire. The background is a dark blue sky with some stars.

SPACE VEHICLES DYNAMICS AND CONTROL

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TABEL OF CONTENTS

ABSTRACT.....	i
TABEL OF CONTENTS.....	iii
PART I	
<i>SPACECRAFT DYNAMICS AND CONTROL</i>	
<i>NOMENCLATURE</i>	2
CHAPTER ONE	
<i>SPACECRAFT ATTITUDE DYNAMICS</i>	
1.1 Introduction.....	5
1.2 Coordinate Systems.....	5
1.3 Kinematic Equations of Motion	7
1.4 Spacecraft Rotational Dynamics.....	8
1.5 Conclusions.....	9
CHAPTER TWO	
<i>SPACE ENVIRONMENT AND DISTURBANCE TORQUES</i> <i>(GRAVITY GRADIENT AND AERODYNAMIC TORQUES)</i>	
2.1 Introduction.....	10

2.2 Environmental Effects and Disturbance Torques.....	10
2.3 Gravity-Gradient Torque.....	11
2.4 Aerodynamic Torque.....	13
2.5 Conclusions.....	14

CHAPTER THREE

SPACE ENVIRONMENT AND DISTURBANCE TORQUES

<i>(SOLAR PRESSURE TORQUE)</i>	15
3.1 Introduction.....	15
3.2 Radiation Force Under Specular Reflection.....	16
3.3 Radiation Force Under Diffuse Reflection.....	18
3.4 Radiation Force Limiting Cases.....	18
3.5 Radiation Torque.....	19
3.6 Conclusions.....	20

CHAPTER FOUR

SPACE ENVIRONMENT AND DISTURBANCE TORQUES

<i>(MAGNETIC TORQUE)</i>	21
4.1 Introduction.....	21
4.2 Geomagnetic Field.....	22
4.3 The Near Field Effects.....	23
4.4 Conclusions.....	27

CHAPTER FIVE

MAGNETIC CONTROL.....

5.1 Introduction.....	28
-----------------------	----

5.2 Basic Magnetic Torque Control Equation.....	28
5.3 Active Magnetic Damping Attitude Control.....	30
5.3.1 Minus Bdot Control Law.....	30
5.3.2 Normal to Magnetic Field Angular Rate Damping (NMAD).....	31
5.4 Conclusions.....	33

CHAPTER SIX

ACTIVE MAGNETIC MOMENTUM EXCHANGE DEVICES

<i>DUMPING</i>	36
6.1 Introduction.....	36
6.2 Magnetic Dumping of the Wheels.....	36
6.3 Dumping Gain Determination.....	38
6.4 Conclusions.....	39

CHAPTER SEVEN

REACTION WHEELS ANGULAR MOMENTUM

<i>MANAGEMENT</i>	41
7.1 Introduction.....	41
7.2 Typical Reaction Wheels Configuration.....	41
7.3 Wheels Angular Momentum Management.....	45
7.4 Conclusions.....	47

CHAPTER EIGHT

RATE ESTIMATION USING VECTOR MEASUREMENTS.....

8.1 Introduction.....	49
8.2 Filter Dynamics Model.....	49
8.3 Measurement Equations.....	52
8.4 Conclusions.....	56

CHAPTER NINE

<i>EXTENDED INTERLACED KALMAN FILTER MODELS</i>	57
9.1 Introduction.....	57
9.2 Filter Model-1.....	57
9.3 Filter Model-2.....	58
9.4 Filter Model-3.....	59
9.5 Filter Model-4.....	60
9.6 Conclusions.....	61

CHAPTER TEN

<i>QUATERNION BASED FILTER MODELS</i>	63
10.1 Introduction.....	63
10.2 Rate Estimation Using Quaternion Measurements.....	63
10.2.1 The Pseudo-Linear Kalman (PSELIKA) Filter.....	64
10.2.2 The State Dependent Algebraic Riccati Equation (SDARE).....	64
10.3 The Filtered Quaternion-Rate Approach.....	64
10.4 The Quaternion Augmentation Approach.....	65
10.5 Filter Model-5.....	66
10.6 Filter Model-6.....	66
10.7 Filter Model-7.....	66
10.8 Filter Models Compared.....	66
10.9 Conclusions.....	68

CHAPTER ELEVEN

<i>ATTITUDE MANEUVERS IN SPACE</i> <i>(CLASSICAL CONTROL)</i>	72
11.1 Introduction.....	72
11.2 Control Law Using Euler Angle Errors.....	73
11.3 Control Command Law Using Direction Cosine Error Matrix.....	74
11.4 Control Command Laws Using Quaternion Feedback.....	76

11.5	Control Laws Compared in Large Maneuvers.....	78
11.6	Conclusions.....	80

CHAPTER TWELVE

ATTITUDE MANEUVERS IN SPACE

	<i>(NONLINEAR PREDICTIVE CONTROL)</i>	81
12.1	Introduction.....	81
12.2	Non-Linear Controller Development.....	81
12.3	Application to Spacecraft.....	83
12.4	Attitude and Rate Tracking.....	85
12.5	Conclusions.....	86

CHAPTER THIRTEEN

ATTITUDE MANEUVERS IN SPACE

	<i>(ADAPTIVE NEURO-FUZZY CONTROL)</i>	89
13.1	Introduction.....	89
13.2	Neuro-Fuzzy Controllers Using Inverse Learning Technique.....	89
13.3	Neuro-Fuzzy Controller for Spacecraft Maneuvers.....	90
13.4	Single Level Neuro-Fuzzy Controller (SLNFC).....	91
13.5	Multi-Level Neuro-Fuzzy Controllers (MLNFC).....	91
13.6	Hybrid Controllers.....	92
13.7	Conclusions.....	92

CHAPTER FORTEEN

	<i>ORBIT DYNAMICS</i>	98
14.1.	Introduction.....	98
14.2.	Coordinate Systems.....	98
14.3.	State Representations.....	98
14.4.	Equations of Motion.....	105

14.5. Two-Body Equation.....	106
14.6. Perturbations.....	108
14.7. Gravity Field of the Central Body.....	109
14.8. Atmospheric Drag.....	110
14.9. Solar-Radiation Pressure.....	110
14.10. Third-Body Perturbations.....	111
14.11. Other Perturbations.....	111
14.12. Propagation.....	111
14.13. Conclusions.....	112

CHAPTER FIFTEEN

<i>ORBIT CONTROL</i>	113
15.1. Introduction.....	113
15.2. Linearized Dynamics.....	113
15.3. In plane Motion Continuous Control.....	115
15.4. Continuous State Estimator.....	118
15.5. Continuous Control Loop.....	119
15.6. Linear Model Limits.....	119
15.7. Digital Discretization.....	121
15.8. Position Sensor.....	122
15.9. Adaptive Kalman Filtering.....	123
15.10. Conclusions.....	124

REFERENCES	126
-------------------------	-----

PART II

<i>SPACECRAFT HARDWARE</i>	131
---	-----

CHAPTER SIXTEEN

ATTITUDE SENSORS FOR SPACECRAFT APPLICATIONS

(SUN SENSORS)..... 132

16.1. Introduction..... 132

16.2. Sensors for Attitude Determination..... 132

16.3. Sun Sensors..... 133

16.4. Analog Sun Sensors (Cosine Detectors)..... 133

16.5. Sun Presence Detector..... 135

16.6. Digital Sun Sensor..... 135

16.7. Fine Sun Sensors..... 137

16.8. Low-Cost DSS for Micro-Satellites [by CAS, CZE]..... 137

16.9. DSS2 Digital Sun Sensor [by Astro Research Corporation, JPN]..... 137

16.10. Two-Axis Fine Sun Sensor [by SSTL, GBR]..... 138

16.11. Other Sun Sensors..... 139

16.12. Conclusions..... 139

CHAPTER SEVENTEEN

ATTITUDE SENSORS FOR SPACECRAFT APPLICATIONS

(MAGNETOMETERS)..... 140

17.1. Introduction..... 140

17.2. Magnetometers..... 141

17.3. Three-Axis Fluxgate Magnetometer, Mk II Magnetometer [by SSTL,
GBR} 142

17.4. Mag-03 Three Axis magnetic field sensors [by Bartington, GBR]..... 143

17.5. Fluxgate magnetometer, AMR magnetometer [by ZARM, GER]..... 143

17.6. Other Magnetometers..... 144

17.7. Conclusions..... 145

CHAPTER EIGHTEEN

ATTITUDE SENSORS FOR SPACECRAFT APPLICATIONS

(HORIZON/ EARTH SENSORS)..... 146

18.1. Introduction.....	146
18.2. Horizon Sensor.....	146
18.3. IRES-NE InfraRed Earth Sensor [by Galileo Avionica, ITA].....	149
18.4. CES3 IR Earth Sensor [by Astro Research Corporation, CHN].....	149
18.5. STD 15, STD 16 Earth Sensors [By EADS Sodern, FRA].....	150
18.6. Other Earth Sensors.....	151
18.7. Conclusions.....	151

CHAPTER NINETEEN

ATTITUDE SENSORS FOR SPACECRAFT APPLICATIONS

<i>(STAR SENSORS)</i>	153
19.1. Introduction.....	153
19.2. Star Sensors.....	153
19.3. Star Sensor Components.....	154
19.4. Star Sensor Types.....	155
19.5. BBRC CS-103 V-Slh Star Scanner for OSO-8.....	156
19.6. Conclusions.....	157

CHAPTER TWENTY

ATTITUDE SENSORS FOR SPACECRAFT APPLICATIONS

<i>(GYROSCOPES)</i>	158
20.1. Introduction.....	158
20.2. Gyroscopes.....	158
20.3. GG1320AN, GG1320AN01 [by Honeywell, USA].....	160
20.4. GL-01 Laser Gyro [by RPZ, RUS].....	161
20.5. Astrix 120 [by EADS Astrium, FRA].....	161
20.6. Other Gyros.....	162
20.7. Conclusions.....	162

CHAPTER TWENTY ONE
GPS FOR SPACECRAFT APPLICATIONS

(FUNCTION AND PURPOSE)..... 163

21.1. Introduction..... 163

21.2. Theory and Model..... 165

21.3. GPS System Facts..... 165

21.4. GPS Standard Information..... 165

21.5. GPS Signal..... 166

21.6. The GPS Navigation Message 166

21.7. Characteristics of Acceptable GPS Receivers..... 167

21.8. Nominal Constellation Plan..... 168

21.9. Conclusions..... 169

CHAPTER TWENTY TWO
GPS FOR SPACECRAFT APPLICATIONS

(PERFORMANCE STANDARDS)..... 170

22.1. Introduction..... 170

22.2. Availability of PDOP..... 170

22.3. SPS SIS User Range Error (URE) Statistics..... 171

22.4. GPS Status and Problem Reporting Standard..... 172

22.5. GPS Receiver Model..... 172

22.6. GPS Errors..... 173

22.7. Ephemeris Data..... 174

22.8. Satellite Clock..... 174

22.9. Ionosphere..... 174

22.10. Troposphere..... 175

22.11. Multipath..... 175

22.12. Conclusions..... 176

CHAPTER TWENTY THREE

GPS FOR SPACECRAFT APPLICATIONS

<i>(GPS RECEIVER)</i>	177
23.1. Introduction.....	177
23.2. Standard Error Tables.....	177
23.3. Solution of the GPS Equation.....	180
23.4. GPS Receiver Block Algorithm.....	180
23.5. Obtaining Recent GPS Satellites Ephemeris.....	180
23.6. GPS SpaceNav [by BAE Systems, GBR].....	181
23.7. Mosaic GNSS [by EADS Astrium, FRA].....	181
23.8. GPS-12 GPS Receiver [by SpaceQuest, CAN].....	182
23.9. SGR-05, SGR-10, SGR-20 [by SSTL, GBR].....	183
23.10. Other GPS-Receivers.....	185
23.11. Conclusions.....	185

CHAPTER TWENTY FOUR

ACTUATORS FOR SPACECRAFT APPLICATIONS

<i>(MOMENTUM EXCHANGE DEVICES)</i>	186
24.1. Introduction.....	186
24.2. Momentum and Reaction Wheels.....	187
24.3. Application of Momentum Wheels.....	188
24.4. Application of Reaction Wheels.....	190
24.5. RW-036 Reaction Wheel [by Astro-Feinwerktechnik, GER].....	190
24.6. WL4-A Momentum Wheel [by Astro Research Corporation, CHN].....	191
24.7. RSI 01, 02, 12, 45, 68 Momentum and Reaction Wheels [by Teldix, GER].....	192
24.8. Minisatellite Reaction Wheel [by SSTL, GBR].....	195
24.9. Other Actuators.....	196
24.10. Conclusions.....	196

CHAPTER TWENTY FIVE

ACTUATORS FOR SPACECRAFT APPLICATIONS

<i>(MAGENTIC TORQUERS)</i>	197
25.1. Introduction.....	197
25.2. MTR-5 Magnet Torquer [by Vectronic Aerospace, GER].....	199
25.3. MT Magnetic Torquers [by ZARM & Microcosm, GER/USA].....	199
25.4. TQR-5 Micro Torque Rod [by SpaceQuest, CAN].....	205
25.5. Other Magnetic Torquers.....	205
25.6. Conclusions.....	205
REFERENCES	206