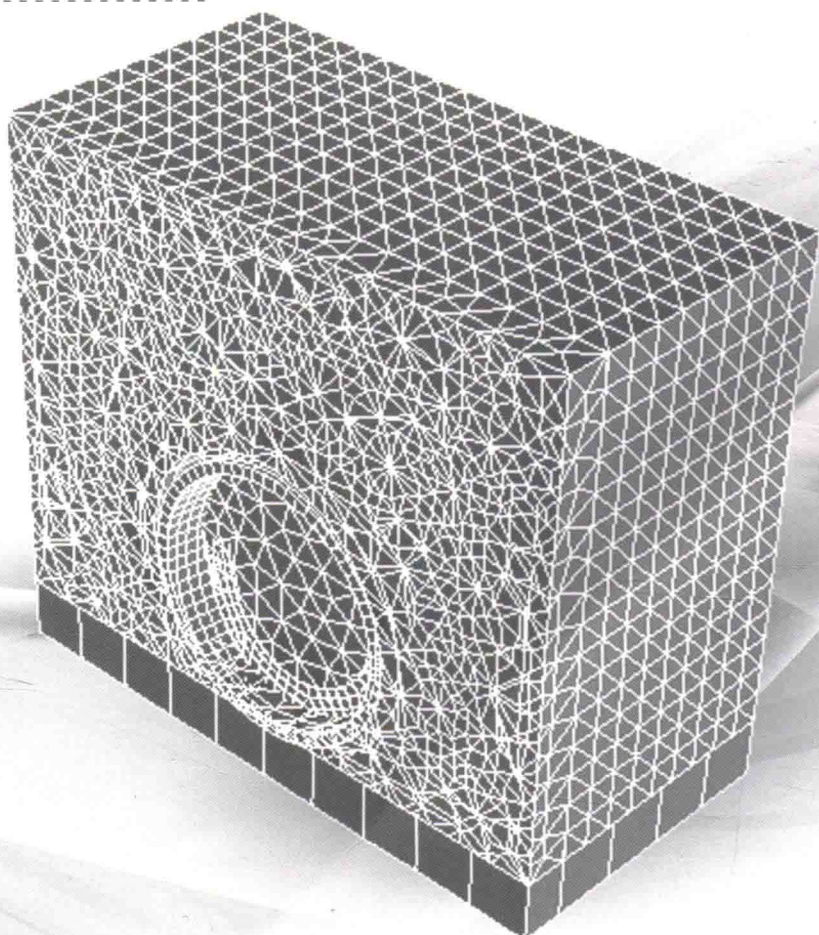


# Abaqus关键词 参考指南

Abaqus 6.13 Keywords Reference Guide

Dassault Systèmes • 著

廖公云 薛国强 王宏畅 • 译



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东南大学出版社  
• 南京 •

## 内 容 提 要

本书为 *Abaqus 6.13 Keywords Reference Guide* 的中文译本。该译本包含所有共 500 个关键词 A(16), B(19), C(91), D(43), E(37), F(35), G(15), H(9), I(23), J(5), K(3), L(4), M(32), N(17), O(3), P、Q(32), R(20), S(59), T(17), U(9), V(8), W、X、Y、Z(2) 的中文翻译,同时包含了 Abaqus/Standard、Abaqus/Explicit 和 Abaqus/CFD 中可用的所有输入选项的完整描述。

本书为 Abaqus 6.13 有限元软件的重要配套学习资料,可供 Abaqus 软件各级用户(尤其是中高级用户)参考使用。

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# 前 言

Inp 文件 (\*.inp) 是 Abaqus 软件中最重要的文件之一,它是沟通 Abaqus/CAE 与 Abaqus 求解器 (Abaqus/Standard、Abaqus/Explicit 和 Abaqus/CFD) 的纽带和桥梁。而要掌握好 Inp 文件的用法和编写方法, *Abaqus Keywords Reference Guide* 是除 *Abaqus Analysis User's Manual*, *Abaqus User Subroutines Reference Manual*, *Abaqus Theory Manual* 外,必须经常查阅的 Abaqus 在线文档之一,该文档中包含了 Abaqus/Standard、Abaqus/Explicit 和 Abaqus/CFD 中可用的所有输入选项的完整描述。

本书的主要目的是,通过译者的努力,将 *Abaqus 6.13 Keywords Reference Guide* 翻译成中文稿,期冀给 Abaqus 中文用户带来更好、更方便的 Inp 文件使用体验(尤其是 Inp 文件编写体验)。

本书的翻译工作由三部分组成,即初译、复译和终译。初译工作由东南大学廖公云副教授完成;复译工作中以字母 A~D 开头的关键词由南京林业大学王宏畅副教授完成,以字母 E~Q 开头的关键词由常熟市住房和城乡建设局薛国强总工完成,以字母 R~Z 开头的关键词由廖公云副教授完成;终译由廖公云完成。本书全书统稿由廖公云负责。

本书的出版得到了 Dassault Systèmes 公司上海代表处的高绍武博士的支持与协助,以及常熟市三恒建材有限责任公司的出版资金支持。另外,本书的部分翻译参考了仿真科技论坛部分网友的工作,在此一并致谢。

*Abaqus 6.13 Keywords Reference Guide* 涵盖了力学、热学、流体力学、电子学等学科领域,加之译者水平所限,很难达到“信、达、雅”的翻译要求,书中难免出现错译、漏译等现象,恳请读者提出批评和建议。

译 者

2015 年 2 月

# 目 录

## A

|      |                                   |    |
|------|-----------------------------------|----|
| 1.1  | * ACOUSTIC FLOW VELOCITY .....    | 1  |
| 1.2  | * ACOUSTIC MEDIUM .....           | 1  |
| 1.3  | * ACOUSTIC WAVE FORMULATION ..... | 3  |
| 1.4  | * ADAPTIVE MESH .....             | 3  |
| 1.5  | * ADAPTIVE MESH CONSTRAINT .....  | 4  |
| 1.6  | * ADAPTIVE MESH CONTROLS .....    | 5  |
| 1.7  | * ADAPTIVE MESH REFINEMENT .....  | 6  |
| 1.8  | * ADJUST .....                    | 7  |
| 1.9  | * AMPLITUDE .....                 | 7  |
| 1.10 | * ANISOTROPIC HYPERELASTIC .....  | 10 |
| 1.11 | * ANNEAL .....                    | 12 |
| 1.12 | * ANNEAL TEMPERATURE .....        | 12 |
| 1.13 | * AQUA .....                      | 12 |
| 1.14 | * ASSEMBLY .....                  | 13 |
| 1.15 | * ASYMMETRIC-AXISYMMETRIC .....   | 13 |
| 1.16 | * AXIAL .....                     | 14 |

## B

|      |                                    |    |
|------|------------------------------------|----|
| 2.1  | * BASE MOTION .....                | 15 |
| 2.2  | * BASELINE CORRECTION .....        | 16 |
| 2.3  | * BEAM ADDED INERTIA .....         | 16 |
| 2.4  | * BEAM FLUID INERTIA .....         | 17 |
| 2.5  | * BEAM GENERAL SECTION .....       | 17 |
| 2.6  | * BEAM SECTION .....               | 21 |
| 2.7  | * BEAM SECTION GENERATE .....      | 23 |
| 2.8  | * BIAXIAL TEST DATA .....          | 23 |
| 2.9  | * BLOCKAGE .....                   | 25 |
| 2.10 | * BOND .....                       | 25 |
| 2.11 | * BOUNDARY .....                   | 25 |
| 2.12 | * BRITTLE CRACKING .....           | 30 |
| 2.13 | * BRITTLE FAILURE .....            | 31 |
| 2.14 | * BRITTLE SHEAR .....              | 31 |
| 2.15 | * BUCKLE .....                     | 32 |
| 2.16 | * BUCKLE ENVELOPE .....            | 33 |
| 2.17 | * BUCKLING LENGTH .....            | 33 |
| 2.18 | * BUCKLING REDUCTION FACTORS ..... | 34 |

|          |                                          |    |
|----------|------------------------------------------|----|
| 2.19     | * BULK VISCOSITY .....                   | 34 |
| <b>C</b> |                                          |    |
| 3.1      | * C ADDED MASS .....                     | 36 |
| 3.2      | * CAP CREEP .....                        | 36 |
| 3.3      | * CAP HARDENING .....                    | 37 |
| 3.4      | * CAP PLASTICITY .....                   | 38 |
| 3.5      | * CAPACITY .....                         | 38 |
| 3.6      | * CAST IRON COMPRESSION HARDENING .....  | 39 |
| 3.7      | * CAST IRON PLASTICITY .....             | 40 |
| 3.8      | * CAST IRON TENSION HARDENING .....      | 40 |
| 3.9      | * CAVITY DEFINITION .....                | 41 |
| 3.10     | * CECHARGE .....                         | 41 |
| 3.11     | * CECURRENT .....                        | 42 |
| 3.12     | * CENTROID .....                         | 42 |
| 3.13     | * CFD .....                              | 42 |
| 3.14     | * CFILM .....                            | 43 |
| 3.15     | * CFLOW .....                            | 44 |
| 3.16     | * CFLUX .....                            | 45 |
| 3.17     | * CHANGE FRICTION .....                  | 46 |
| 3.18     | * CLAY HARDENING .....                   | 46 |
| 3.19     | * CLAY PLASTICITY .....                  | 47 |
| 3.20     | * CLEARANCE .....                        | 48 |
| 3.21     | * CLOAD .....                            | 49 |
| 3.22     | * COHESIVE BEHAVIOR .....                | 52 |
| 3.23     | * COHESIVE SECTION .....                 | 53 |
| 3.24     | * COMBINED TEST DATA .....               | 54 |
| 3.25     | * COMPLEX FREQUENCY .....                | 55 |
| 3.26     | * COMPOSITE MODAL DAMPING .....          | 56 |
| 3.27     | * CONCRETE .....                         | 56 |
| 3.28     | * CONCRETE COMPRESSION DAMAGE .....      | 57 |
| 3.29     | * CONCRETE COMPRESSION HARDENING .....   | 57 |
| 3.30     | * CONCRETE DAMAGED PLASTICITY .....      | 58 |
| 3.31     | * CONCRETE TENSION DAMAGE .....          | 59 |
| 3.32     | * CONCRETE TENSION STIFFENING .....      | 60 |
| 3.33     | * CONDUCTIVITY .....                     | 61 |
| 3.34     | * CONNECTOR BEHAVIOR .....               | 62 |
| 3.35     | * CONNECTOR CONSTITUTIVE REFERENCE ..... | 62 |
| 3.36     | * CONNECTOR DAMAGE EVOLUTION .....       | 63 |
| 3.37     | * CONNECTOR DAMAGE INITIATION .....      | 65 |
| 3.38     | * CONNECTOR DAMPING .....                | 67 |
| 3.39     | * CONNECTOR DERIVED COMPONENT .....      | 71 |
| 3.40     | * CONNECTOR ELASTICITY .....             | 73 |
| 3.41     | * CONNECTOR FAILURE .....                | 76 |
| 3.42     | * CONNECTOR FRICTION .....               | 77 |
| 3.43     | * CONNECTOR HARDENING .....              | 79 |

|      |                                           |     |
|------|-------------------------------------------|-----|
| 3.44 | * CONNECTOR LOAD .....                    | 81  |
| 3.45 | * CONNECTOR LOCK .....                    | 81  |
| 3.46 | * CONNECTOR MOTION .....                  | 82  |
| 3.47 | * CONNECTOR PLASTICITY .....              | 84  |
| 3.48 | * CONNECTOR POTENTIAL .....               | 84  |
| 3.49 | * CONNECTOR SECTION .....                 | 85  |
| 3.50 | * CONNECTOR STOP .....                    | 86  |
| 3.51 | * CONNECTOR UNIAXIAL BEHAVIOR .....       | 86  |
| 3.52 | * CONSTRAINT CONTROLS .....               | 86  |
| 3.53 | * CONTACT .....                           | 87  |
| 3.54 | * CONTACT CLEARANCE .....                 | 87  |
| 3.55 | * CONTACT CLEARANCE ASSIGNMENT .....      | 88  |
| 3.56 | * CONTACT CONTROLS .....                  | 89  |
| 3.57 | * CONTACT CONTROLS ASSIGNMENT .....       | 91  |
| 3.58 | * CONTACT DAMPING .....                   | 92  |
| 3.59 | * CONTACT EXCLUSIONS .....                | 93  |
| 3.60 | * CONTACT FILE .....                      | 93  |
| 3.61 | * CONTACT FORMULATION .....               | 94  |
| 3.62 | * CONTACT INCLUSIONS .....                | 95  |
| 3.63 | * CONTACT INITIALIZATION ASSIGNMENT ..... | 95  |
| 3.64 | * CONTACT INITIALIZATION DATA .....       | 96  |
| 3.65 | * CONTACT INTERFERENCE .....              | 96  |
| 3.66 | * CONTACT OUTPUT .....                    | 97  |
| 3.67 | * CONTACT PAIR .....                      | 98  |
| 3.68 | * CONTACT PERMEABILITY .....              | 100 |
| 3.69 | * CONTACT PRINT .....                     | 101 |
| 3.70 | * CONTACT PROPERTY ASSIGNMENT .....       | 102 |
| 3.71 | * CONTACT RESPONSE .....                  | 102 |
| 3.72 | * CONTACT STABILIZATION .....             | 102 |
| 3.73 | * CONTOUR INTEGRAL .....                  | 103 |
| 3.74 | * CONTROLS .....                          | 105 |
| 3.75 | * CONVEP CHARGE PROPERTY .....            | 109 |
| 3.76 | * CORRELATION .....                       | 109 |
| 3.77 | * CO-SIMULATION .....                     | 110 |
| 3.78 | * CO-SIMULATION CONTROLS .....            | 111 |
| 3.79 | * CO-SIMULATION REGION .....              | 112 |
| 3.80 | * COUPLED TEMPERATURE-DISPLACEMENT .....  | 113 |
| 3.81 | * COUPLED THERMAL-ELECTRICAL .....        | 114 |
| 3.82 | * COUPLING .....                          | 115 |
| 3.83 | * CRADIATE .....                          | 115 |
| 3.84 | * CREEP .....                             | 116 |
| 3.85 | * CREEP STRAIN RATE CONTROL .....         | 117 |
| 3.86 | * CRUSHABLE FOAM .....                    | 118 |
| 3.87 | * CRUSHABLE FOAM HARDENING .....          | 119 |
| 3.88 | * CYCLED PLASTIC .....                    | 119 |
| 3.89 | * CYCLIC .....                            | 119 |

|      |                               |     |
|------|-------------------------------|-----|
| 3.90 | * CYCLIC HARDENING .....      | 120 |
| 3.91 | * CYCLIC SYMMETRY MODEL ..... | 121 |

## D

|      |                                  |     |
|------|----------------------------------|-----|
| 4.1  | * D ADDED MASS .....             | 122 |
| 4.2  | * D EM POTENTIAL .....           | 122 |
| 4.3  | * DAMAGE EVOLUTION .....         | 123 |
| 4.4  | * DAMAGE INITIATION .....        | 127 |
| 4.5  | * DAMAGE STABILIZATION .....     | 133 |
| 4.6  | * DAMPING .....                  | 133 |
| 4.7  | * DAMPING CONTROLS .....         | 135 |
| 4.8  | * DASHPOT .....                  | 136 |
| 4.9  | * DEBOND .....                   | 138 |
| 4.10 | * DECHARGE .....                 | 138 |
| 4.11 | * DECURRENT .....                | 139 |
| 4.12 | * DEFORMATION PLASTICITY .....   | 140 |
| 4.13 | * DENSITY .....                  | 140 |
| 4.14 | * DEPVAR .....                   | 141 |
| 4.15 | * DESIGN GRADIENT .....          | 141 |
| 4.16 | * DESIGN PARAMETER .....         | 142 |
| 4.17 | * DESIGN RESPONSE .....          | 142 |
| 4.18 | * DETONATION POINT .....         | 143 |
| 4.19 | * DFLOW .....                    | 143 |
| 4.20 | * DFLUX .....                    | 144 |
| 4.21 | * DIAGNOSTICS .....              | 144 |
| 4.22 | * DIELECTRIC .....               | 146 |
| 4.23 | * DIFFUSIVITY .....              | 147 |
| 4.24 | * DIRECT CYCLIC .....            | 148 |
| 4.25 | * DISCRETE SECTION .....         | 149 |
| 4.26 | * DISPLAY BODY .....             | 150 |
| 4.27 | * DISTRIBUTING .....             | 150 |
| 4.28 | * DISTRIBUTING COUPLING .....    | 151 |
| 4.29 | * DISTRIBUTION .....             | 151 |
| 4.30 | * DISTRIBUTION TABLE .....       | 154 |
| 4.31 | * DLOAD .....                    | 155 |
| 4.32 | * DRAG CHAIN .....               | 161 |
| 4.33 | * DRUCKER PRAGER .....           | 161 |
| 4.34 | * DRUCKER PRAGER CREEP .....     | 162 |
| 4.35 | * DRUCKER PRAGER HARDENING ..... | 163 |
| 4.36 | * DSA CONTROLS .....             | 164 |
| 4.37 | * DSECHARGE .....                | 165 |
| 4.38 | * DSECURRENT .....               | 165 |
| 4.39 | * DSFLOW .....                   | 166 |
| 4.40 | * DSFLUX .....                   | 167 |
| 4.41 | * DSLOAD .....                   | 167 |
| 4.42 | * DYNAMIC .....                  | 170 |

|      |                                          |     |
|------|------------------------------------------|-----|
| 4.43 | * DYNAMIC TEMPERATURE-DISPLACEMENT ..... | 173 |
|------|------------------------------------------|-----|

## E

|      |                                 |     |
|------|---------------------------------|-----|
| 5.1  | * EL FILE .....                 | 174 |
| 5.2  | * EL PRINT .....                | 175 |
| 5.3  | * ELASTIC .....                 | 176 |
| 5.4  | * ELCOPY .....                  | 179 |
| 5.5  | * ELECTRICAL CONDUCTIVITY ..... | 179 |
| 5.6  | * ELECTROMAGNETIC .....         | 181 |
| 5.7  | * ELEMENT .....                 | 182 |
| 5.8  | * ELEMENT MATRIX OUTPUT .....   | 183 |
| 5.9  | * ELEMENT OPERATOR OUTPUT ..... | 183 |
| 5.10 | * ELEMENT OUTPUT .....          | 184 |
| 5.11 | * ELEMENT RESPONSE .....        | 185 |
| 5.12 | * ELGEN .....                   | 185 |
| 5.13 | * ELSET .....                   | 186 |
| 5.14 | * EMBEDDED ELEMENT .....        | 187 |
| 5.15 | * EMISSIVITY .....              | 187 |
| 5.16 | * END ASSEMBLY .....            | 188 |
| 5.17 | * END INSTANCE .....            | 188 |
| 5.18 | * END LOAD CASE .....           | 188 |
| 5.19 | * END PART .....                | 188 |
| 5.20 | * END STEP .....                | 188 |
| 5.21 | * ENERGY EQUATION SOLVER .....  | 189 |
| 5.22 | * ENERGY FILE .....             | 190 |
| 5.23 | * ENERGY OUTPUT .....           | 190 |
| 5.24 | * ENERGY PRINT .....            | 191 |
| 5.25 | * ENRICHMENT .....              | 191 |
| 5.26 | * ENRICHMENT ACTIVATION .....   | 191 |
| 5.27 | * EOS .....                     | 192 |
| 5.28 | * EOS COMPACTION .....          | 193 |
| 5.29 | * EPJOINT .....                 | 193 |
| 5.30 | * EQUATION .....                | 194 |
| 5.31 | * EULERIAN BOUNDARY .....       | 194 |
| 5.32 | * EULERIAN MESH MOTION .....    | 195 |
| 5.33 | * EULERIAN SECTION .....        | 196 |
| 5.34 | * EXPANSION .....               | 196 |
| 5.35 | * EXTREME ELEMENT VALUE .....   | 198 |
| 5.36 | * EXTREME NODE VALUE .....      | 199 |
| 5.37 | * EXTREME VALUE .....           | 200 |

## F

|     |                        |     |
|-----|------------------------|-----|
| 6.1 | * FABRIC .....         | 201 |
| 6.2 | * FAIL STRAIN .....    | 201 |
| 6.3 | * FAIL STRESS .....    | 202 |
| 6.4 | * FAILURE RATIOS ..... | 203 |

|      |                                   |     |
|------|-----------------------------------|-----|
| 6.5  | * FASTENER .....                  | 203 |
| 6.6  | * FASTENER PROPERTY .....         | 205 |
| 6.7  | * FIELD .....                     | 205 |
| 6.8  | * FILE FORMAT .....               | 208 |
| 6.9  | * FILE OUTPUT .....               | 208 |
| 6.10 | * FILM .....                      | 208 |
| 6.11 | * FILM PROPERTY .....             | 209 |
| 6.12 | * FILTER .....                    | 210 |
| 6.13 | * FIXED MASS SCALING .....        | 211 |
| 6.14 | * FLOW .....                      | 212 |
| 6.15 | * FLUID BEHAVIOR .....            | 213 |
| 6.16 | * FLUID BOUNDARY .....            | 213 |
| 6.17 | * FLUID BULK MODULUS .....        | 214 |
| 6.18 | * FLUID CAVITY .....              | 214 |
| 6.19 | * FLUID DENSITY .....             | 215 |
| 6.20 | * FLUID EXCHANGE .....            | 216 |
| 6.21 | * FLUID EXCHANGE ACTIVATION ..... | 216 |
| 6.22 | * FLUID EXCHANGE PROPERTY .....   | 217 |
| 6.23 | * FLUID EXPANSION .....           | 219 |
| 6.24 | * FLUID FLUX .....                | 219 |
| 6.25 | * FLUID INFLATOR .....            | 220 |
| 6.26 | * FLUID INFLATOR ACTIVATION ..... | 220 |
| 6.27 | * FLUID INFLATOR MIXTURE .....    | 220 |
| 6.28 | * FLUID INFLATOR PROPERTY .....   | 221 |
| 6.29 | * FLUID LEAKOFF .....             | 222 |
| 6.30 | * FLUID SECTION .....             | 222 |
| 6.31 | * FOUNDATION .....                | 223 |
| 6.32 | * FRACTURE CRITERION .....        | 223 |
| 6.33 | * FRAME SECTION .....             | 227 |
| 6.34 | * FREQUENCY .....                 | 229 |
| 6.35 | * FRICTION .....                  | 231 |

## G

|      |                                    |     |
|------|------------------------------------|-----|
| 7.1  | * GAP .....                        | 234 |
| 7.2  | * GAP CONDUCTANCE .....            | 234 |
| 7.3  | * GAP ELECTRICAL CONDUCTANCE ..... | 235 |
| 7.4  | * GAP FLOW .....                   | 235 |
| 7.5  | * GAP HEAT GENERATION .....        | 236 |
| 7.6  | * GAP RADIATION .....              | 237 |
| 7.7  | * GAS SPECIFIC HEAT .....          | 237 |
| 7.8  | * GASKET BEHAVIOR .....            | 238 |
| 7.9  | * GASKET CONTACT AREA .....        | 238 |
| 7.10 | * GASKET ELASTICITY .....          | 238 |
| 7.11 | * GASKET SECTION .....             | 239 |
| 7.12 | * GASKET THICKNESS BEHAVIOR .....  | 240 |
| 7.13 | * GEL .....                        | 241 |

|      |                        |     |
|------|------------------------|-----|
| 7.14 | * GEOSTATIC .....      | 242 |
| 7.15 | * GLOBAL DAMPING ..... | 242 |

## H

|     |                             |     |
|-----|-----------------------------|-----|
| 8.1 | * HEADING .....             | 244 |
| 8.2 | * HEAT GENERATION .....     | 244 |
| 8.3 | * HEAT TRANSFER .....       | 244 |
| 8.4 | * HEATCAP .....             | 245 |
| 8.5 | * HOURGLASS STIFFNESS ..... | 246 |
| 8.6 | * HYPERELASTIC .....        | 246 |
| 8.7 | * HYPERFOAM .....           | 250 |
| 8.8 | * HYPOELASTIC .....         | 251 |
| 8.9 | * HYSTERESIS .....          | 251 |

## I

|      |                                            |     |
|------|--------------------------------------------|-----|
| 9.1  | * IMPEDANCE .....                          | 252 |
| 9.2  | * IMPEDANCE PROPERTY .....                 | 253 |
| 9.3  | * IMPERFECTION .....                       | 253 |
| 9.4  | * IMPORT .....                             | 254 |
| 9.5  | * IMPORT CONTROLS .....                    | 255 |
| 9.6  | * IMPORT ELSET .....                       | 256 |
| 9.7  | * IMPORT NSET .....                        | 256 |
| 9.8  | * INCIDENT WAVE .....                      | 256 |
| 9.9  | * INCIDENT WAVE FLUID PROPERTY .....       | 257 |
| 9.10 | * INCIDENT WAVE INTERACTION .....          | 257 |
| 9.11 | * INCIDENT WAVE INTERACTION PROPERTY ..... | 258 |
| 9.12 | * INCIDENT WAVE PROPERTY .....             | 259 |
| 9.13 | * INCIDENT WAVE REFLECTION .....           | 260 |
| 9.14 | * INCLUDE .....                            | 260 |
| 9.15 | * INCREMENTATION OUTPUT .....              | 261 |
| 9.16 | * INELASTIC HEAT FRACTION .....            | 261 |
| 9.17 | * INERTIA RELIEF .....                     | 261 |
| 9.18 | * INITIAL CONDITIONS .....                 | 262 |
| 9.19 | * INSTANCE .....                           | 272 |
| 9.20 | * INTEGRATED OUTPUT .....                  | 273 |
| 9.21 | * INTEGRATED OUTPUT SECTION .....          | 274 |
| 9.22 | * INTERFACE .....                          | 275 |
| 9.23 | * ITS .....                                | 275 |

## J

|      |                             |     |
|------|-----------------------------|-----|
| 10.1 | * JOINT .....               | 276 |
| 10.2 | * JOINT ELASTICITY .....    | 276 |
| 10.3 | * JOINT PLASTICITY .....    | 277 |
| 10.4 | * JOINTED MATERIAL .....    | 278 |
| 10.5 | * JOULE HEAT FRACTION ..... | 279 |

**K**

|      |                            |     |
|------|----------------------------|-----|
| 11.1 | * KAPPA .....              | 280 |
| 11.2 | * KINEMATIC .....          | 280 |
| 11.3 | * KINEMATIC COUPLING ..... | 281 |

**L**

|      |                          |     |
|------|--------------------------|-----|
| 12.1 | * LATENT HEAT .....      | 282 |
| 12.2 | * LOAD CASE .....        | 282 |
| 12.3 | * LOADING DATA .....     | 282 |
| 12.4 | * LOW DENSITY FOAM ..... | 286 |

**M**

|       |                                  |     |
|-------|----------------------------------|-----|
| 13.1  | * MAGNETIC PERMEABILITY .....    | 288 |
| 13.2  | * MAGNETOSTATIC .....            | 289 |
| 13.3  | * MAP SOLUTION .....             | 290 |
| 13.4  | * MASS .....                     | 291 |
| 13.5  | * MASS ADJUST .....              | 291 |
| 13.6  | * MASS DIFFUSION .....           | 292 |
| 13.7  | * MASS FLOW RATE .....           | 292 |
| 13.8  | * MATERIAL .....                 | 293 |
| 13.9  | * MATRIX .....                   | 294 |
| 13.10 | * MATRIX ASSEMBLE .....          | 294 |
| 13.11 | * MATRIX GENERATE .....          | 294 |
| 13.12 | * MATRIX INPUT .....             | 295 |
| 13.13 | * MATRIX OUTPUT .....            | 296 |
| 13.14 | * MEDIA TRANSPORT .....          | 296 |
| 13.15 | * MEMBRANE SECTION .....         | 296 |
| 13.16 | * MODAL DAMPING .....            | 297 |
| 13.17 | * MODAL DYNAMIC .....            | 300 |
| 13.18 | * MODAL FILE .....               | 300 |
| 13.19 | * MODAL OUTPUT .....             | 301 |
| 13.20 | * MODAL PRINT .....              | 301 |
| 13.21 | * MODAL CHANGE .....             | 301 |
| 13.22 | * MOHR COULOMB .....             | 302 |
| 13.23 | * MOHR COULOMB HARDENING .....   | 303 |
| 13.24 | * MOISTURE SWELLING .....        | 303 |
| 13.25 | * MOLECULAR WEIGHT .....         | 303 |
| 13.26 | * MOMENTUM EQUATION SOLVER ..... | 304 |
| 13.27 | * MONITOR .....                  | 304 |
| 13.28 | * MOTION .....                   | 305 |
| 13.29 | * MPC .....                      | 307 |
| 13.30 | * MULLINS EFFECT .....           | 307 |
| 13.31 | * M1 .....                       | 308 |
| 13.32 | * M2 .....                       | 309 |

## N

|       |                            |     |
|-------|----------------------------|-----|
| 14.1  | * NCOPY .....              | 311 |
| 14.2  | * NFILL .....              | 313 |
| 14.3  | * NGEN .....               | 313 |
| 14.4  | * NMAP .....               | 314 |
| 14.5  | * NO COMPRESSION .....     | 317 |
| 14.6  | * NO TENSION .....         | 317 |
| 14.7  | * NODAL ENERGY RATE .....  | 317 |
| 14.8  | * NODAL THICKNESS .....    | 318 |
| 14.9  | * NODE .....               | 318 |
| 14.10 | * NODE FILE .....          | 319 |
| 14.11 | * NODE OUTPUT .....        | 320 |
| 14.12 | * NODE PRINT .....         | 321 |
| 14.13 | * NODE RESPONSE .....      | 322 |
| 14.14 | * NONLINEAR BH .....       | 322 |
| 14.15 | * NONSTRUCTURAL MASS ..... | 323 |
| 14.16 | * NORMAL .....             | 323 |
| 14.17 | * NSET .....               | 324 |

## O

|      |                     |     |
|------|---------------------|-----|
| 15.1 | * ORIENTATION ..... | 325 |
| 15.2 | * ORNL .....        | 327 |
| 15.3 | * OUTPUT .....      | 328 |

## P,Q

|       |                                   |     |
|-------|-----------------------------------|-----|
| 16.1  | * PARAMETER .....                 | 332 |
| 16.2  | * PARAMETER DEPENDENCE .....      | 332 |
| 16.3  | * PARAMETER SHAPE VARIATION ..... | 333 |
| 16.4  | * PART .....                      | 334 |
| 16.5  | * PERIODIC .....                  | 334 |
| 16.6  | * PERIODIC MEDIA .....            | 335 |
| 16.7  | * PERMANENT MAGNETIZATION .....   | 336 |
| 16.8  | * PERMEABILITY .....              | 336 |
| 16.9  | * PHYSICAL CONSTANTS .....        | 338 |
| 16.10 | * PIEZOELECTRIC .....             | 339 |
| 16.11 | * PIPE-SOIL INTERACTION .....     | 340 |
| 16.12 | * PIPE-SOIL STIFFNESS .....       | 340 |
| 16.13 | * PLANAR TEST DATA .....          | 342 |
| 16.14 | * PLASTIC .....                   | 343 |
| 16.15 | * PLASTIC AXIAL .....             | 345 |
| 16.16 | * PLASTIC M1 .....                | 345 |
| 16.17 | * PLASTIC M2 .....                | 346 |
| 16.18 | * PLASTIC TORQUE .....            | 346 |
| 16.19 | * POROUS BULK MODULI .....        | 346 |
| 16.20 | * POROUS ELASTIC .....            | 347 |

|       |                                  |     |
|-------|----------------------------------|-----|
| 16.21 | * POROUS FAILURE CRITERIA .....  | 347 |
| 16.22 | * POROUS METAL PLASTICITY .....  | 348 |
| 16.23 | * POST OUTPUT .....              | 348 |
| 16.24 | * POTENTIAL .....                | 349 |
| 16.25 | * PREPRINT .....                 | 349 |
| 16.26 | * PRESSURE EQUATION SOLVER ..... | 350 |
| 16.27 | * PRESSURE PENETRATION .....     | 351 |
| 16.28 | * PRESSURE STRESS .....          | 351 |
| 16.29 | * PRESTRESS HOLD .....           | 353 |
| 16.30 | * PRE-TENSION SECTION .....      | 353 |
| 16.31 | * PRINT .....                    | 353 |
| 16.32 | * PSD-DEFINITION .....           | 354 |

## R

|       |                              |     |
|-------|------------------------------|-----|
| 17.1  | * RADIATE .....              | 356 |
| 17.2  | * RADIATION FILE .....       | 356 |
| 17.3  | * RADIATION OUTPUT .....     | 357 |
| 17.4  | * RADIATION PRINT .....      | 358 |
| 17.5  | * RADIATION SYMMETRY .....   | 358 |
| 17.6  | * RADIATION VIEWFACTOR ..... | 358 |
| 17.7  | * RANDOM RESPONSE .....      | 359 |
| 17.8  | * RATE DEPENDENT .....       | 360 |
| 17.9  | * RATIOS .....               | 361 |
| 17.10 | * REACTION RATE .....        | 361 |
| 17.11 | * REBAR .....                | 362 |
| 17.12 | * REBAR LAYER .....          | 366 |
| 17.13 | * REFLECTION .....           | 367 |
| 17.14 | * RELEASE .....              | 368 |
| 17.15 | * RESPONSE SPECTRUM .....    | 368 |
| 17.16 | * RESTART .....              | 369 |
| 17.17 | * RETAINED NODAL DOFS .....  | 372 |
| 17.18 | * RIGID BODY .....           | 372 |
| 17.19 | * RIGID SURFACE .....        | 373 |
| 17.20 | * ROTARY INERTIA .....       | 375 |

## S

|       |                                      |     |
|-------|--------------------------------------|-----|
| 18.1  | * SECTION CONTROLS .....             | 377 |
| 18.2  | * SECTION FILE .....                 | 380 |
| 18.3  | * SECTION ORIGIN .....               | 381 |
| 18.4  | * SECTION POINTS .....               | 382 |
| 18.5  | * SECTION PRINT .....                | 383 |
| 18.6  | * SELECT CYCLIC SYMMETRY MODES ..... | 384 |
| 18.7  | * SELECT EIGENMODES .....            | 384 |
| 18.8  | * SFILM .....                        | 385 |
| 18.9  | * SFLOW .....                        | 386 |
| 18.10 | * SHEAR CENTER .....                 | 387 |

|       |                                     |     |
|-------|-------------------------------------|-----|
| 18.11 | * SHEAR FAILURE .....               | 387 |
| 18.12 | * SHEAR RETENTION .....             | 388 |
| 18.13 | * SHEAR TEST DATA .....             | 388 |
| 18.14 | * SHELL GENERAL SECTION .....       | 389 |
| 18.15 | * SHELL SECTION .....               | 392 |
| 18.16 | * SHELL TO SOLID COUPLING .....     | 394 |
| 18.17 | * SIMPEDANCE .....                  | 395 |
| 18.18 | * SIMPLE SHEAR TEST DATA .....      | 396 |
| 18.19 | * SLIDE LINE .....                  | 396 |
| 18.20 | * SLOAD .....                       | 397 |
| 18.21 | * SOILS .....                       | 397 |
| 18.22 | * SOLID SECTION .....               | 399 |
| 18.23 | * SOLUBILITY .....                  | 400 |
| 18.24 | * SOLUTION TECHNIQUE .....          | 401 |
| 18.25 | * SOLVER CONTROLS .....             | 401 |
| 18.26 | * SORPTION .....                    | 401 |
| 18.27 | * SPECIFIC HEAT .....               | 402 |
| 18.28 | * SPECTRUM .....                    | 403 |
| 18.29 | * SPRING .....                      | 404 |
| 18.30 | * SRADIATE .....                    | 406 |
| 18.31 | * STATIC .....                      | 407 |
| 18.32 | * STEADY STATE CRITERIA .....       | 409 |
| 18.33 | * STEADY STATE DETECTION .....      | 409 |
| 18.34 | * STEADY STATE DYNAMICS .....       | 410 |
| 18.35 | * STEADY STATE TRANSPORT .....      | 412 |
| 18.36 | * STEP .....                        | 413 |
| 18.37 | * SUBCYCLING .....                  | 415 |
| 18.38 | * SUBMODEL .....                    | 415 |
| 18.39 | * SUBSTRUCTURE COPY .....           | 416 |
| 18.40 | * SUBSTRUCTURE DELETE .....         | 417 |
| 18.41 | * SUBSTRUCTURE DIRECTORY .....      | 417 |
| 18.42 | * SUBSTRUCTURE GENERATE .....       | 417 |
| 18.43 | * SUBSTRUCTURE LOAD CASE .....      | 418 |
| 18.44 | * SUBSTRUCTURE MATRIX OUTPUT .....  | 419 |
| 18.45 | * SUBSTRUCTURE PATH .....           | 419 |
| 18.46 | * SUBSTRUCTURE PROPERTY .....       | 420 |
| 18.47 | * SURFACE .....                     | 421 |
| 18.48 | * SURFACE BEHAVIOR .....            | 425 |
| 18.49 | * SURFACE FLAW .....                | 427 |
| 18.50 | * SURFACE INTERACTION .....         | 428 |
| 18.51 | * SURFACE OUTPUT .....              | 429 |
| 18.52 | * SURFACE PROPERTY .....            | 430 |
| 18.53 | * SURFACE PROPERTY ASSIGNMENT ..... | 430 |
| 18.54 | * SURFACE SECTION .....             | 432 |
| 18.55 | * SURFACE SMOOTHING .....           | 433 |
| 18.56 | * SWELLING .....                    | 434 |

|       |                                    |     |
|-------|------------------------------------|-----|
| 18.57 | * SYMMETRIC MODEL GENERATION ..... | 435 |
| 18.58 | * SYMMETRIC RESULTS TRANSFER ..... | 437 |
| 18.59 | * SYSTEM .....                     | 438 |

**T**

|       |                                    |     |
|-------|------------------------------------|-----|
| 19.1  | * TEMPERATURE .....                | 439 |
| 19.2  | * TENSILE FAILURE .....            | 441 |
| 19.3  | * TENSION CUTOFF .....             | 442 |
| 19.4  | * TENSION STIFFENING .....         | 442 |
| 19.5  | * THERMAL EXPANSION .....          | 443 |
| 19.6  | * TIE .....                        | 444 |
| 19.7  | * TIME POINTS .....                | 445 |
| 19.8  | * TORQUE .....                     | 445 |
| 19.9  | * TORQUE PRINT .....               | 446 |
| 19.10 | * TRACER PARTICLE .....            | 446 |
| 19.11 | * TRANSFORM .....                  | 447 |
| 19.12 | * TRANSPORT EQUATION SOLVER .....  | 447 |
| 19.13 | * TRANSPORT VELOCITY .....         | 448 |
| 19.14 | * TRANSVERSE SHEAR STIFFNESS ..... | 448 |
| 19.15 | * TRIAXIAL TEST DATA .....         | 449 |
| 19.16 | * TRS .....                        | 450 |
| 19.17 | * TURBULENCE MODEL .....           | 450 |

**U**

|      |                               |     |
|------|-------------------------------|-----|
| 20.1 | * UEL PROPERTY .....          | 452 |
| 20.2 | * UNDEX CHARGE PROPERTY ..... | 452 |
| 20.3 | * UNIAXIAL .....              | 453 |
| 20.4 | * UNIAXIAL TEST DATA .....    | 453 |
| 20.5 | * UNLOADING DATA .....        | 455 |
| 20.6 | * USER DEFINED FIELD .....    | 458 |
| 20.7 | * USER ELEMENT .....          | 458 |
| 20.8 | * USER MATERIAL .....         | 460 |
| 20.9 | * USER OUTPUT VARIABLES ..... | 461 |

**V**

|      |                               |     |
|------|-------------------------------|-----|
| 21.1 | * VARIABLE MASS SCALING ..... | 462 |
| 21.2 | * VIEWFACTOR OUTPUT .....     | 463 |
| 21.3 | * VISCO .....                 | 463 |
| 21.4 | * VISCOELASTIC .....          | 464 |
| 21.5 | * VISCOSITY .....             | 467 |
| 21.6 | * VISCOUS .....               | 470 |
| 21.7 | * VOID NUCLEATION .....       | 470 |
| 21.8 | * VOLUMETRIC TEST DATA .....  | 471 |

**W, X, Y, Z**

|      |              |     |
|------|--------------|-----|
| 22.1 | * WAVE ..... | 473 |
|------|--------------|-----|

22.2 \* WIND ..... 474

**Product Index**  
**产品索引**

Abaqus/Standard ..... 475

Abaqus/Explicit ..... 479

Abaqus/CFD ..... 482

Abaqus/CAE ..... 483

Abaqus/AMS ..... 487

Abaqus/Aqua ..... 487

Abaqus/Design ..... 487