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this solutions manual accompanies the si edition of the science and engineering of materials which emphasizes current materials testing procedures and selection and makes use of class tested examples and practice problems

this book is the solution manual to statics and mechanics of materials an integrated approach second edition which is written by below persons william f riley leroy d sturges don h morris

updated and reorganized each of the topics is thoroughly developed from fundamental principles the assumptions applicability and limitations of the methods are clearly discussed includes such advanced subjects as plasticity creep fracture mechanics flat plates high cycle fatigue contact stresses and finite elements due to the widespread use of the metric system si units are used throughout contains a generous selection of illustrative examples and problems

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without distracting the student from the central ideas and concepts is an important complementary objective of the textbook

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