



AUFGABEN ZUR FESTIGKEITSLEHRE

AUSFÜHRLICH GELÖST

Mit Grundbegriffen, Formeln, Fragen, Antworten

Aufgaben Zur Festigkeitslehre Ausfafahrlich Gelafapst

Gerhard Knappstein

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Gerhard Knappstein, 1996 *Aufgaben zur Festigkeitslehre - ausführlich gelöst* Gerhard Knappstein, 2004 **Lösungsbuch zur Einführung in die Festigkeitslehre** Volker Läpple, 2008 Die sichere Auslegung von Bauteilen und Anlagen geht zu den Grundfertigkeiten eines Ingenieurs Fehlerhaft dimensionierte Bauteile können zu schweren Schäden und hohen Kosten führen zum Beispiel beim Bersten eines Druckbehälters oder dem Einsturz einer Stahlkonstruktion Dieses Lösungsbuch enthält zu allen Aufgaben des Lehr- und Lösungsbuchs ausführliche Lösungen und wo sinnvoll auch alternative Lösungsvorschläge So kann der Studierende sein erlerntes Wissen überprüfen anhand praxisorientierter Aufgaben anwenden und vertiefen Er lernt Problemstellungen zu analysieren wesentliche Zusammenhänge zu erfassen ein mathematisch-physikalisches Modell zu formulieren und eine geeignete Lösungsstrategie zu entwickeln Auch für eine eigenständige Klausurvorbereitung eignen sich beide Bücher Der Ingenieur in der Praxis findet ebenfalls wertvolle Hinweise für die Entwicklung von Lösungsstrategien zur Durchführung von Festigkeitsnachweisen *Aufgaben zur Festigkeitslehre* Bruno Assmann, Peter Selke, 2010-10-01 Diese Aufgaben und Lösungen ergänzen das Lehrbuch Technische Mechanik 2 Festigkeitslehre Erst beim Löszen von Aufgaben ist es möglich zu kontrollieren ob und wie weit die Zusammenhänge verstanden wurden

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