

Theory of Elasticity by Timoshenko and Goodier (Phrases)

工業材料 (2 words、複数)	engineering materials
ある程度まで〜 (4 words) [to c e]	to a certain extent
変形を引き起こす (2 words) [pr]	produce deformation
ある限界を超える (4 words) [e a]	exceed a certain limit
外力の除去 (4 words) [of s]	removal of external forces
なくなる [d]	disappear
連続的分布 (2 words)	continuous distribution
弾性体	elastic body
全容積にわたって (3 words) [a]	over a volume
等方性の材質 (2 words、単数)	isotropic material
弾性的性質 (2 words、複数)	elastic properties
全方向で (3 words)	in all directions
鋼と鉄 (3 words)	steel and iron
様々な種類の結晶 (4 words、複数) [v k of]	various kinds of crystals
特定の方向を向いていない (3 words) [r]	oriented at random
内力の作用 (4 words、複数) [of]	action of internal forces
単位面積当り (3 words) [p]	per unit area
力の大きさ (2 words) [i]	force intensity
柱状の棒 [p]	prismatical bar
均一に分布した〜 (2 words) [d]	uniformly distributed
平面に垂直な法線応力 [the]	normal stress perpendicular to the plane
せん断応力 (2 words) [ing]	shearing stress
静水圧 (2 words)	hydrostatic pressure
表面力 (2 words、単数)	surface force
表面(単数)に分布した力 (複数) [the]	forces distributed over the surface
重力 (2 words、単数) [al]	gravitational force
慣性力 (2 words、複数)	inertia forces
体積力 (2 words、複数)	body forces
張力と圧縮力 (3 words)	tension and compression
小さな要素 (2 words) [s]	small element
より高階の量 (4 words、単数) [q of]	quantity of higher order
モーメント計算を省く (3 words) [o ca]	omit calculating moment
$\epsilon, \gamma, \sigma, \nu$ (読み 4 words separated with “, ”)	epsilon, gamma, sigma, nu
フックの法則 (2 words)	Hook's law
線形関係 (2 words、単数) []	linear relation
単位伸び (2 words)	unit elongation
比例限度 (2 words) [p al]	proportional limit
伸び弾性係数 [m of in]	modulus of elasticity in tension
モジュラスの複数形	moduli
横の歪み成分 (3 words、複数)	lateral strain components
ポアソン比 (2 words)	Poisson's ratio
重ねあわせ法 (3 words) [of]	method of superposition
全変形 (2 words、単数)	total deformation
せん断弾性係数 (5 words) [m of in]	modulus of elasticity in shear
横弾性係数 (3 words)	modulus of rigidity
伸びとねじれ (3 words、単数2つ) [and]	elongation and distortion
独立な (1 word)	independent
平面応力もしくは平面歪みの状態 [of or]	state of plane stress or plane strain
負荷条件 (2 words、複数) []	loading conditions
断面 (2 words、単数)	cross section
主応力 (2 words、複数)	principal stresses
反時計回りの (1 word)	counterclockwise
モール円 (2 words、単数) [M]	Mohr circle
平衡の微分方程式 (4 words、複数)	differential equations of equilibrium
境界での応力成分 [s at the]	stress components at the boundary
任意に (1 word)	arbitrarily
適合性条件 (4 words、単数) [the of]	the condition of compatibility
軸に平行 (4 words、単数) [to an]	parallel to an axis
単純曲げ (2 words、単数)	pure bending
端部の負荷 (4 words、単数) [on]	loading on the end
v に正比例する (3 words) [y]	proportional to v
十分に正確な (2 words) [a]	sufficiently accurate
サン・ヴナンの原理 (2 words、単数) [- 's]	Saint-Venant's principle
すぐ近く (2 words、単数) [i n]	immediate neighborhood
剛体の変位 (5 words、単数) [of a]	displacement of a rigid body
変位を重ね合わせる (2 words、複数) []	superpose displacements
単位幅の片持ち梁 (4 words、単数) [of]	cantilever of unit width
載荷端のたわみ量 (5 words、単数)	deflection at the loaded end
材料力学 (3 words、複数)	strength of materials
ゆがみ (1 word)	distortion
片持ち梁 (2 words)	cantilever beam
曲げ偶力 (2 words、単数)	bending couple
側面(単数)に沿った引っ張り応力 [es a the]	tensile stresses along the side
鉤括弧 (1 word、複数)	brackets
基本方程式 (2 words、複数) [e f]	elementary formulae
フーリエ級数による一般化 [g by s]	generalization by Fourier series
周期的応力 (2 words、単数) [p]	periodic stress
鉄筋コンクリート (2 words、単数) []	reinforced concrete
断熱ヤング率 (3 words、単数)	adiabatic Young's modulus
歪みエネルギー (2 words)	strain energy