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General formulas for moment, hoop load, radial shear and deformations. Moment $M = M_A - N A R (1 - u) + V A R z + L T M$. Hoop Stress $N = N A u + V a z + L T N$. Radial Shear $V = - N A z + V A u + L T v$. $L T M$ $L T N$, and $L T V$ are load terms for several types of load. Note: Loads beyond 180° not support in load terms equations. $L T M = -W R [1 - \cos(x-?)] ? x - ? ? 0$

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5.0 out of 5 stars Roark's Formulas for Stress and Strain. Reviewed in the United States on December 11, 2012. Verified Purchase. The book is a gift and I can't really comment on it. I do however, want to say that Melz Books has the best customer service I've seen in a long time. They responded quickly to an email request.

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General formulas for moment, hoop load, radial shear and deformations. $M = M_A - N A R (1 - u) + V A R z + L T M$. Hoop Stress. $N = N A u + V a z + L T N$. Radial Shear. $V = - N A z + V A u + L T v$. $L T M$ $L T N$, and $L T V$ are load terms for several types of load.

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