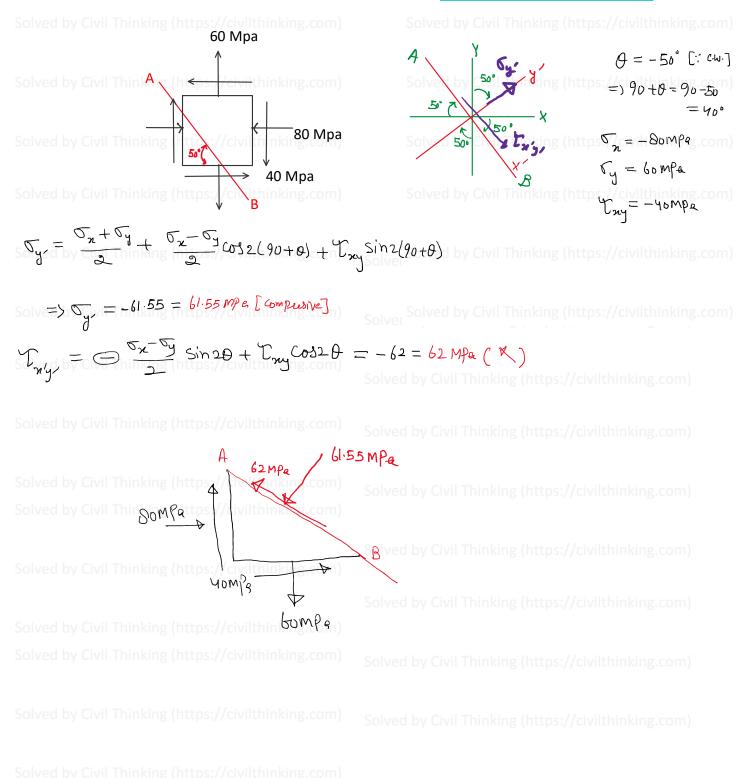
Determine the stress components acting on the inclined *plane AB* using *Stress Transformation Equations*



This problem was solved by Civil Thinking (<u>https://civilthinking.com</u>)	NOTE:
If you need solutions of Strength of Materials / Mechanics of Materials	The solution provided in this document
Questions or any other Civil Engineering subjects, contact us at:	is the intellectual property of Civil
solutions@civilthinking.com	Thinking (https://civilthinking.com)
Or submit your problem directly here:	and is protected by copyright. Any
https://civilthinking.com/getproblemsolutions	reproduction, distribution, or
Other Subjects We Cover:	publication of this content, in whole or
Structural Analysis	in part, is strictly prohibited without
Fluid Mechanics	prior written permission from
Statics/ Engineering Mechanics	https://civilthinking.com.
Geotechnical Engineering	
✓ Transportation Engineering	
Construction Management	
Finite Element Analysis (FEA), etc.	
Engineering Software (ANSYS, ETABS, MATLAB, Revit, SAP2000, STAAD.Pro	,
Staad Foundation Advanced, etc.).	
Let us help you solve your engineering challenges! 🜮	