

Section cut

[SAP2000](#) calculates section-cut forces by summing the forces which act on member [joints](#) within the group of [frame](#), [shell](#), and [link](#) objects which define the section cut. During summation, the forces and moments at joint locations are transformed into equivalent conditions at a point of summation. They are then transformed into the local coordinate system which is specified for the reporting of section-cut forces. Section cuts may be defined by group, by cutting plane, or within the graphical user interface.

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