















## Multiplicity of dislocation pathways in a refractory multiprincipal element alloy

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### Pathways for ductility

Alloys containing multiple elements can be very strong but often suffer from poor ductility. F. Wang *et al.* found that different mechanisms accommodated plasticity in a molybdenum-niobium-titanium multiprincipal element alloy (see the Perspective by Cairney). Instead of so-called "screw" dislocations, deformation is accommodated by multiple pathways that include "edge" dislocations and activation of crystallographic slip planes. These results offer a design paradigm for developing new high-strength alloys.

*Science*, this issue p. 95; see also p. 37

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