

# IO support for Poseidon

Berthold Höllmann

April 12, 2017

	Entry	Description	BDF r/w	FEM r/w
Properties	beam properties	This is probably quite tricky, because in general the beam cross section information in BDF files is given as description of the cross section geometry which probably has to be converted to integral values.	✓/—	✓/✓
Elements	group information		✓/—	✓/✓
	Shell		✓/—	✓/✓
	PSE		✓/—	✓/✓
	Truss		✓/—	✓/✓
	Beam		✓/—	✓/✓
Group Info.	Boundary Elements			—/—
	NAPA CSV file	contains also yield stress information	✓/—	✓/✓
	Patran session file	does not contain yield stress information	—/—	N/A