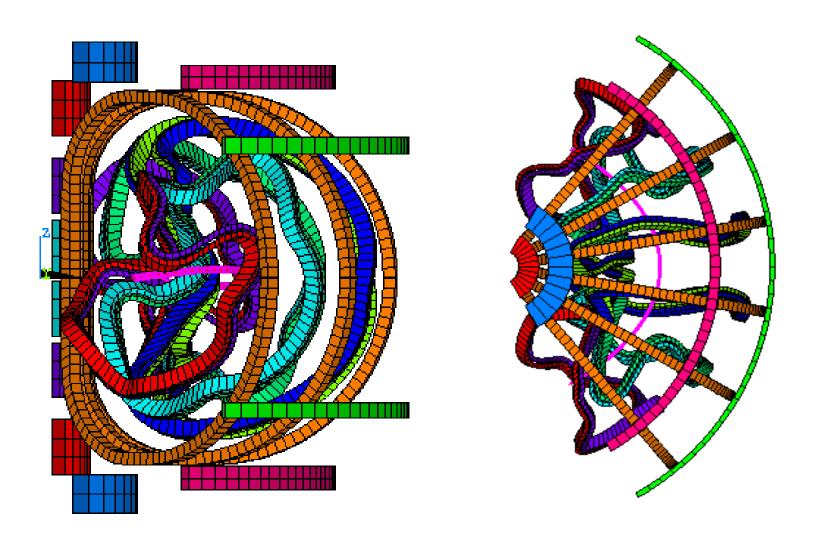
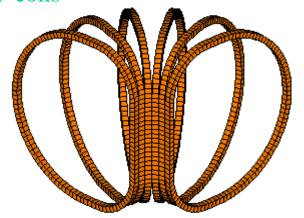
ANSYS Model for EM Analysis





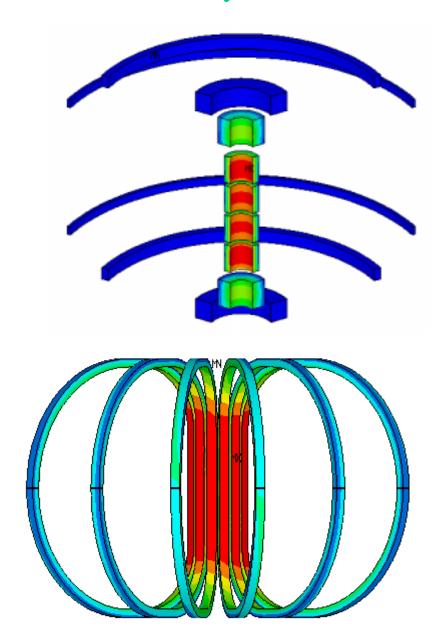


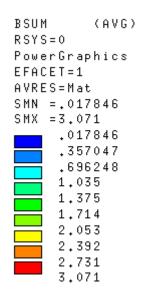
•Current (A/turn) – 350kA Ohmic Scenario at 0.516 seconds

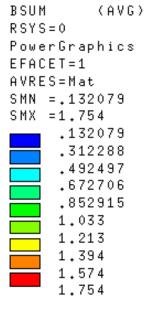
M1 = 16201	M2 = 14648
M3 = 11590	
PF1 = 19142	PF2 = 23443
PF3 = 6977	PF4 = 769
PF5 = -1882	PF6 = 8606
TF = 16076	Plasma = -350000

Modular coils PF coils

Magnetic Flux Density for PF and TF Coils

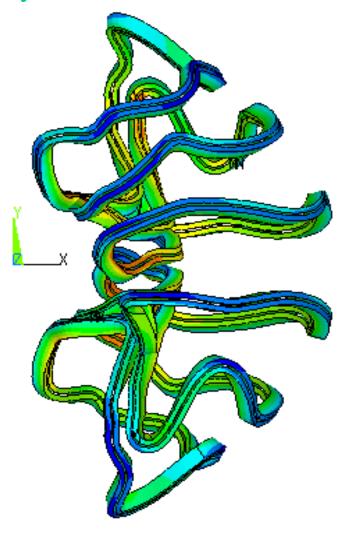


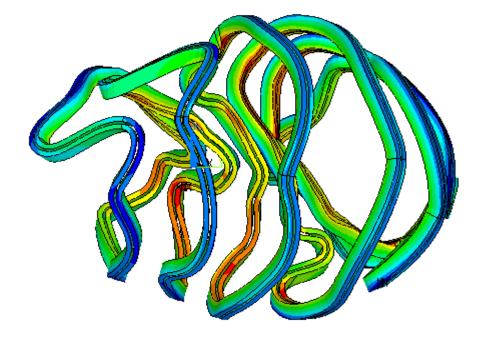




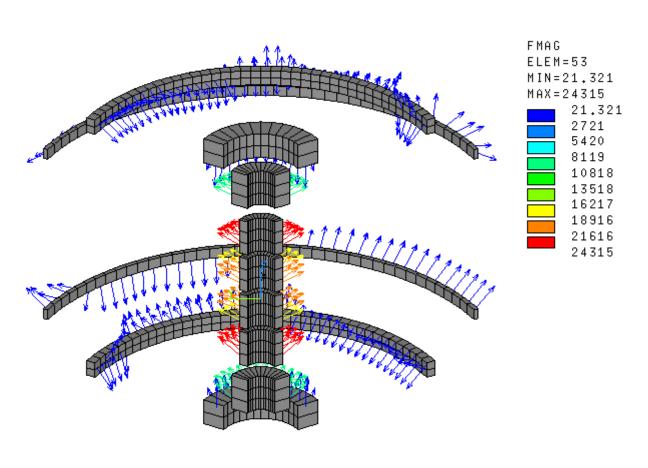
Magnetic Flux Density for Modular Coils

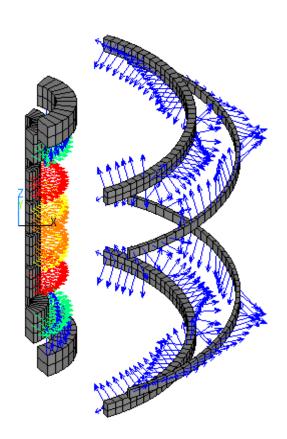
BSUM (AVG) RSYS=0 PowerGraphics EFACET=1 AVRES=Mat SMN = .099209SMX = 3.675.099209 .496477 .893746 1.291 1.688 2.086 2.483 2.88 3.277



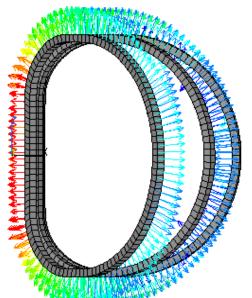


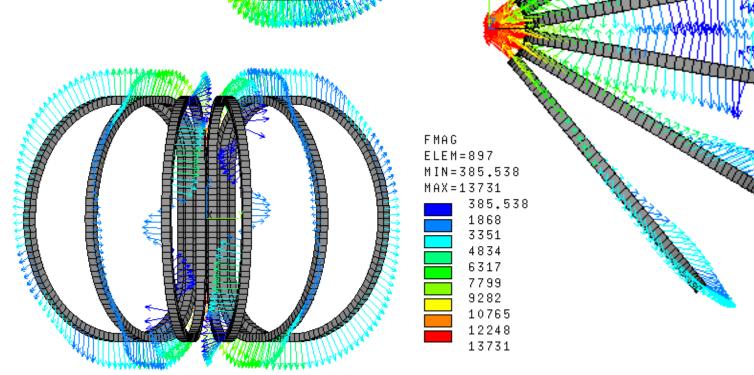
Magnetic Forces for PF Coils

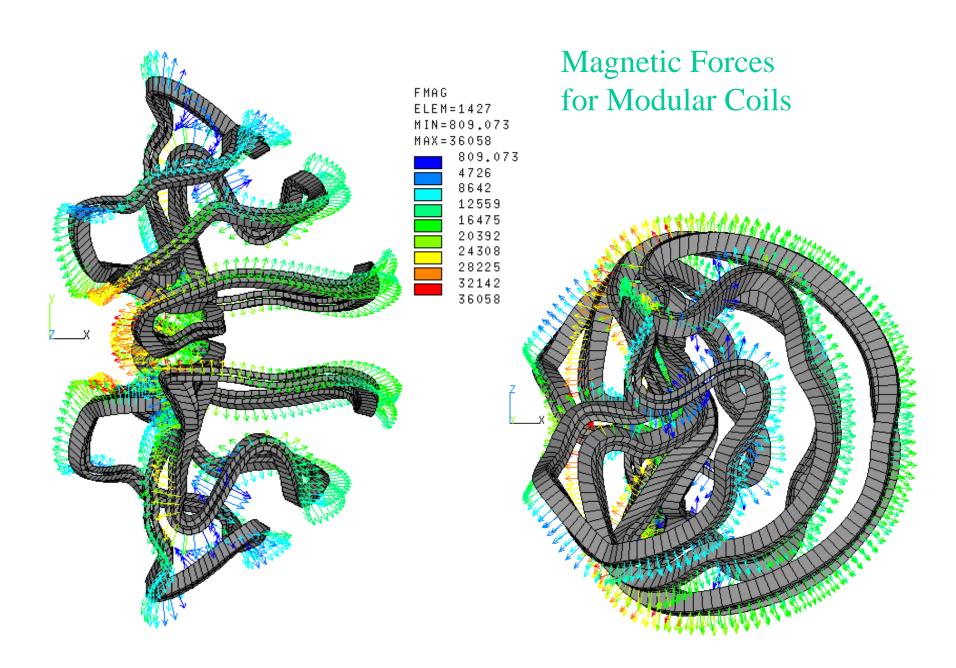


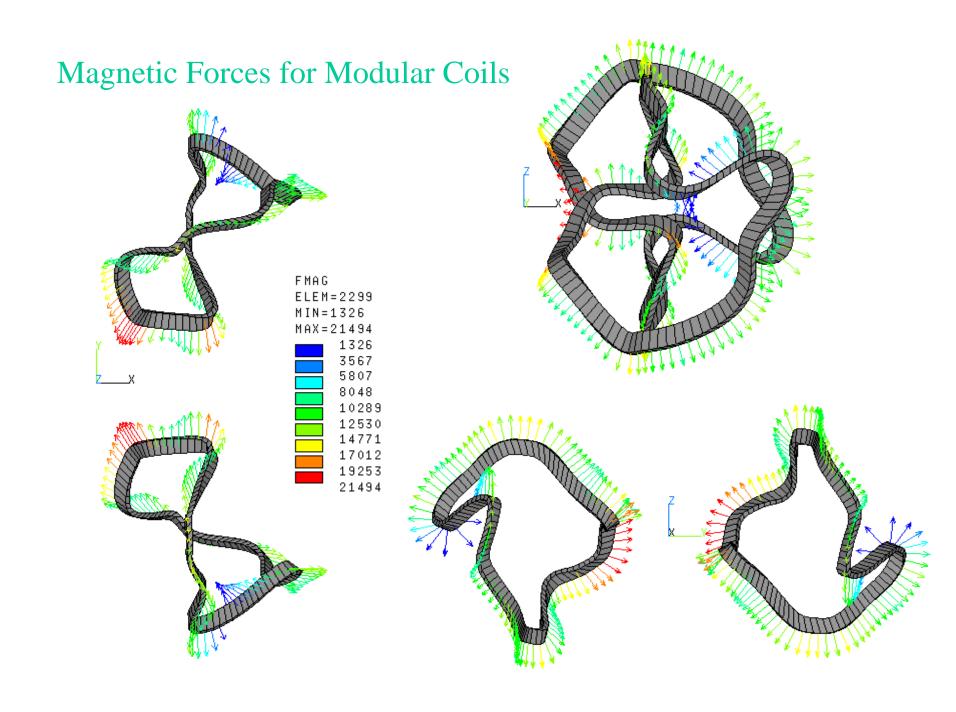


Magnetic Forces for TF Coils









Magnetic Forces for Modular Coils

