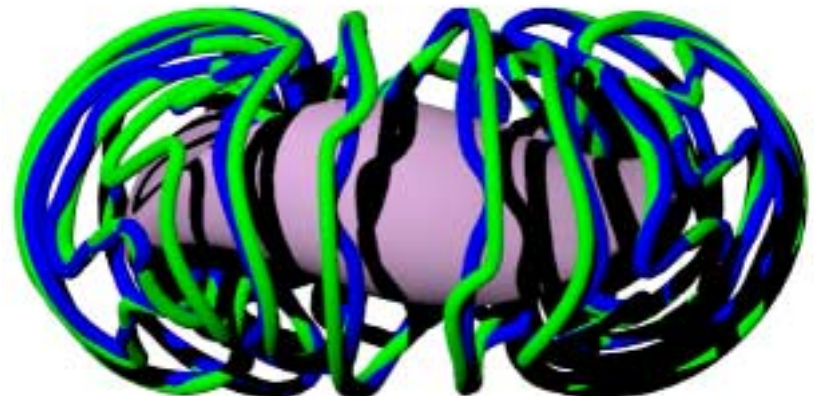
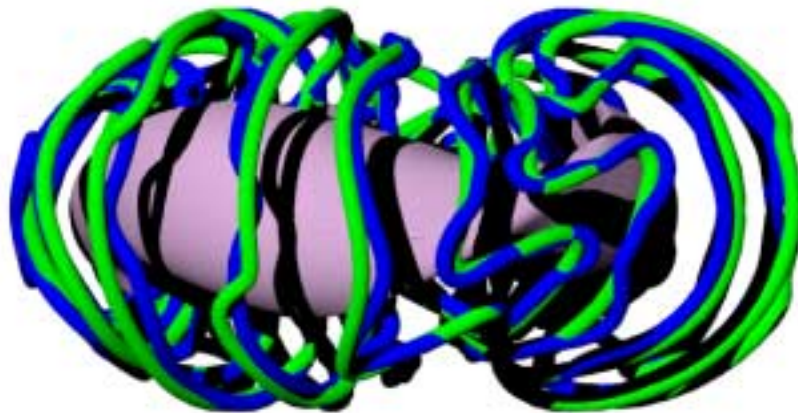
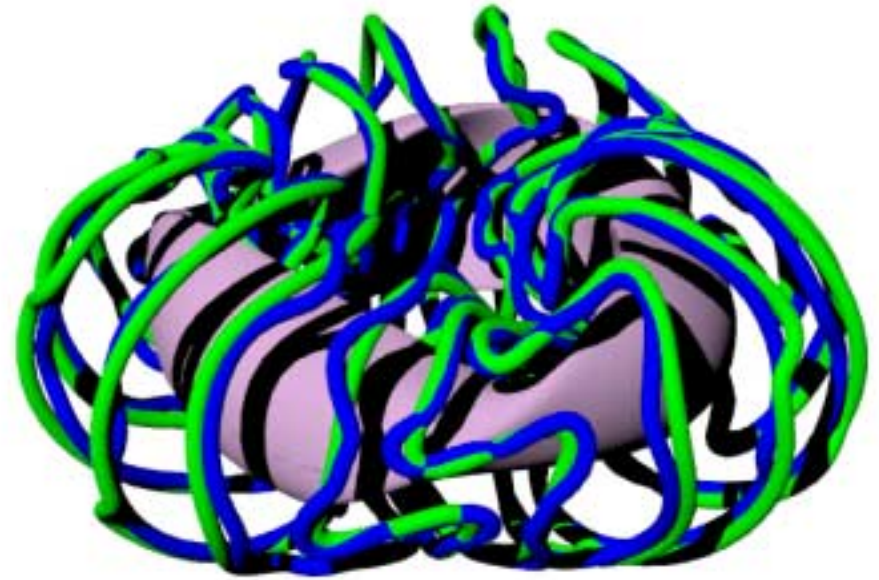
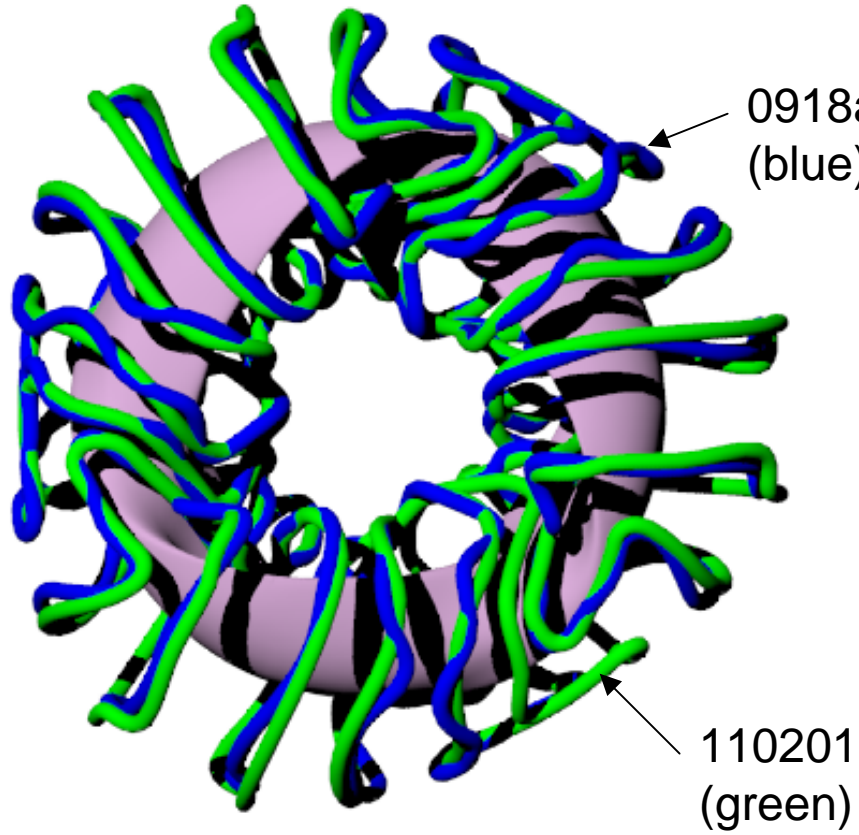


# Engr / Physics Coil Comparison



| Coil Position  | Type | Length (m) | Min Rad (cm) | C-C Dist (cm) | C-V Dist (cm) | C-P Dist (cm) | Current (kA) | Avg Error (%) | Max Error (%) |
|--|------|------------|--------------|---------------|---------------|---------------|--------------|---------------|---------------|
| Case 0918a17 (m25)                                       |      |            |              |               |               |               |              | 0.6           | 2.5           |
| 18   | M1   |            |              | 12.4          |               |               |              |               |               |
| 01   | M1   | 7.2        | 9.6          | 12.0          | 0.5           | 20.2          | 625.0        |               |               |
| 02   | M2   | 7.2        | 9.4          | 12.0          | 5.8           | 19.4          | 595.0        |               |               |
| 03   | M3   | 7.2        | 9.6          | 14.2          | 9.9           | 23.1          | 565.0        |               |               |
| 04   | M3   |            |              |               |               |               |              |               |               |
| Case 0918a17r2 (modified)                                |      |            |              |               |               |               |              | 0.9           | 8.1           |
| 18   | M1   |            |              | 16.3          |               |               |              |               |               |
| 01   | M1   | 7.3        | 11.8         | 15.9          | 9.8           | 20.0          | -            |               |               |
| 02   | M2   | 7.1        | 10.2         | 14.6          | 9.7           | 19.9          | -            |               |               |
| 03   | M3   | 7.1        | 10.0         | 14.9          | 9.6           | 21.4          | -            |               |               |
| 04   | M3   |            |              |               |               |               |              |               |               |
| Case 1018a2  |      |            |              |               |               |               |              | 0.9           | 3.7           |
| 18   | M1   |            |              | 13.9          |               |               |              |               |               |
| 01   | M1   | 7.4        | 9.8          | 13.4          | 9.5           | 19.6          | 624.7        |               |               |
| 02   | M2   | 7.3        | 9.8          | 11.8          | 9.2           | 19.3          | 597.2        |               |               |
| 03   | M3   | 7.0        | 9.7          | 14.0          | 11.4          | 23.9          | 562.2        |               |               |
| 04   | M3   |            |              |               |               |               |              |               |               |
| Case 110201  |      |            |              |               |               |               |              | 1.3           | 4.9           |
| 18   | M1   |            |              | 15.9          |               |               |              |               |               |
| 01   | M1   | 7.0        | 9.8          | 15.8          | 9.8           | 19.9          | 575.8        |               |               |
| 02   | M2   | 7.1        | 9.9          | 15.6          | 8.6           | 19.2          | 675.8        |               |               |
| 03   | M3   | 6.3        | 9.7          | 15.6          | 11.2          | 23.9          | 528.1        |               |               |
| 04   | M3   |            |              |               |               |               |              |               |               |
| Notes:   |      |            |              |               |               |               |              |               |               |
| Dimensions at room temperature (scale factor = 1.003435) |      |            |              |               |               |               |              |               |               |