

Appendix C

Theoretical Moment-Strain Plots

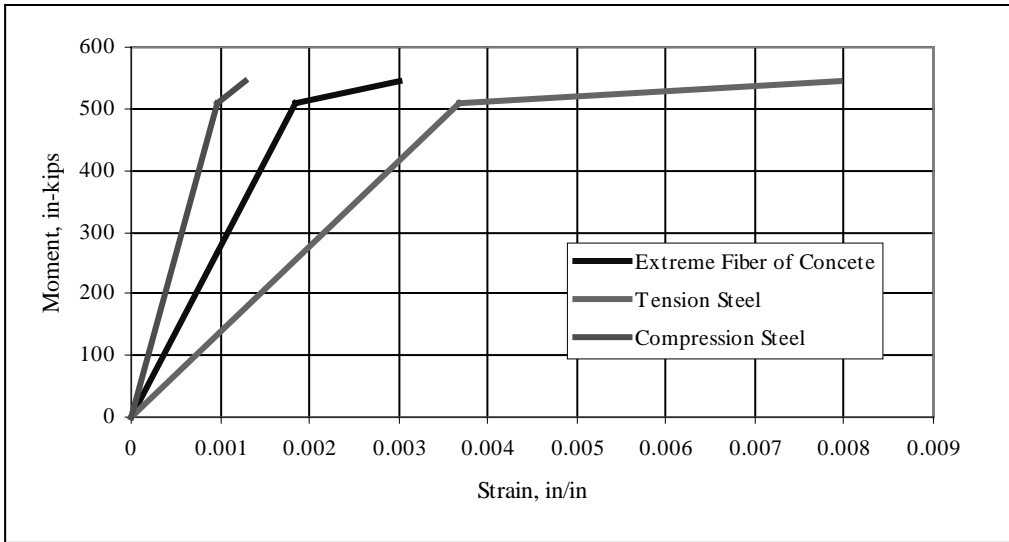


Figure C.1: Theoretical Moment-Strain Curves for Control Beam

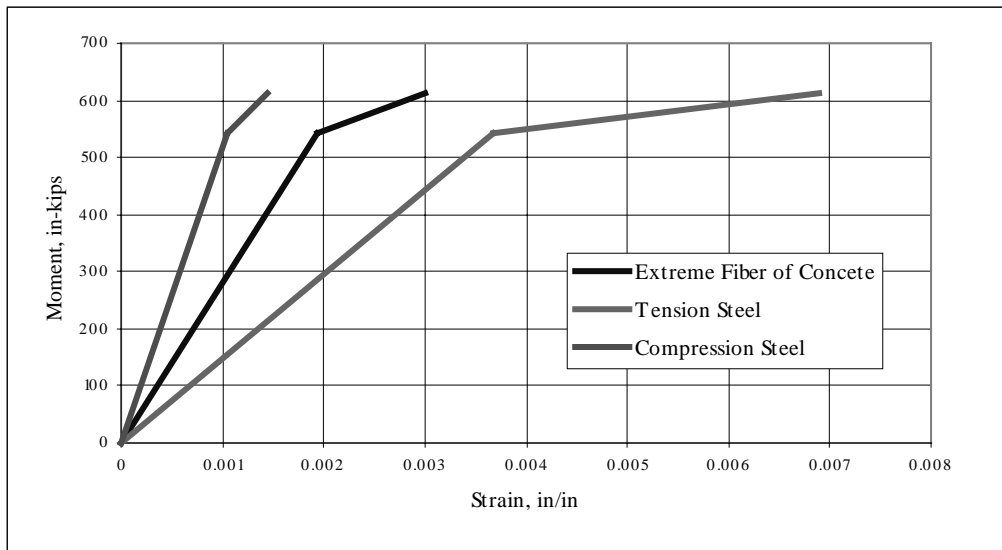


Figure C.2: Theoretical Moment-Strain Curves for Two Layer, 0°/90° Strengthened Beam

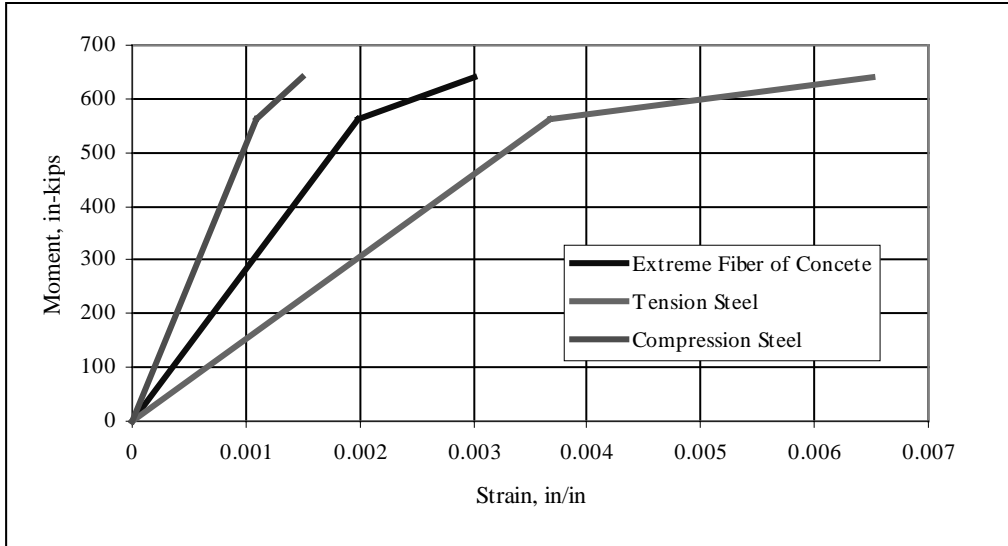


Figure C.3: Theoretical Moment-Strain Curves for Three Layer, 0°/90° Strengthened Beam

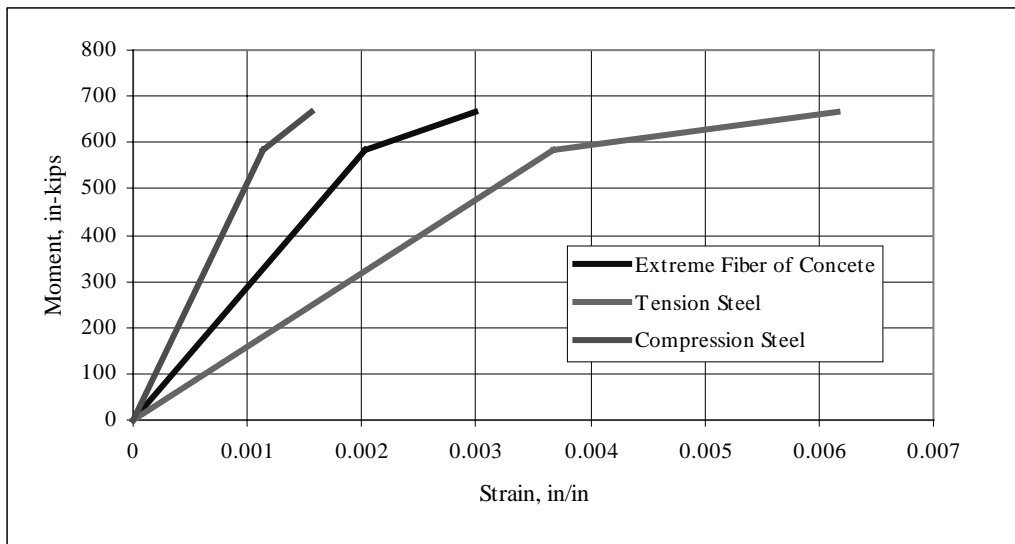


Figure C.4: Theoretical Moment-Strain Curves for Four Layer, 0°/90° Strengthened Beam

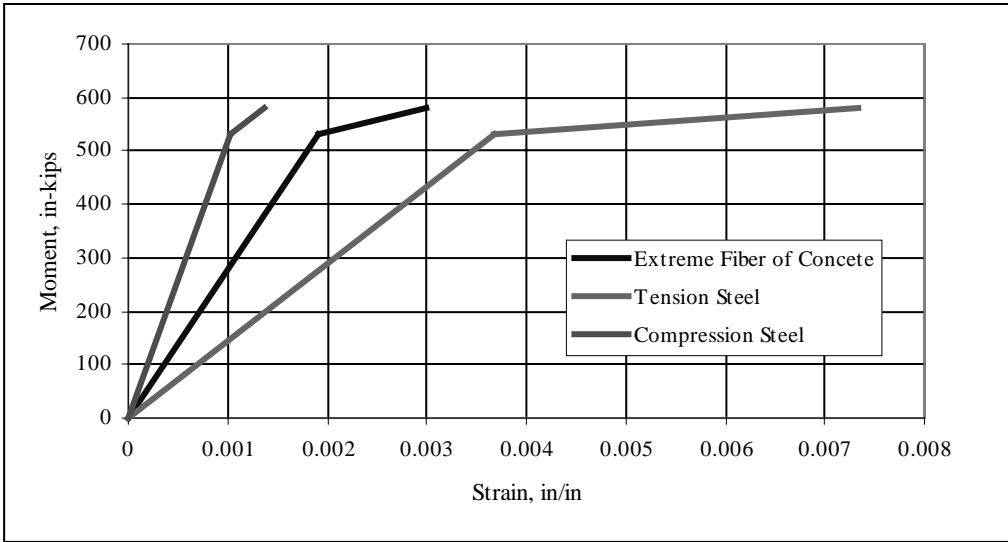


Figure C.5: Theoretical Moment-Strain Curves for Two Layer, ±45° Strengthened Beam

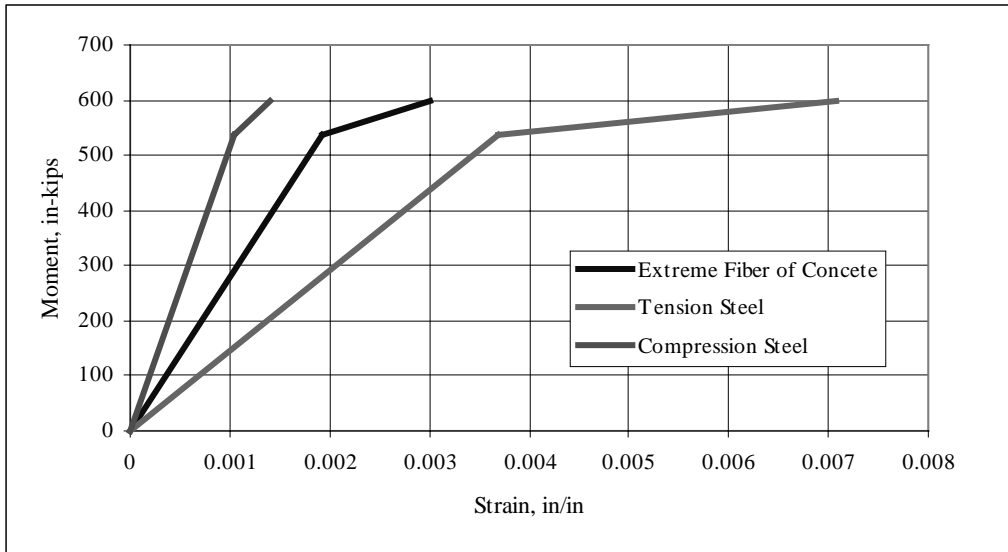


Figure C.6: Theoretical Moment-Strain Curves for Three Layer, ±45° Strengthened Beam

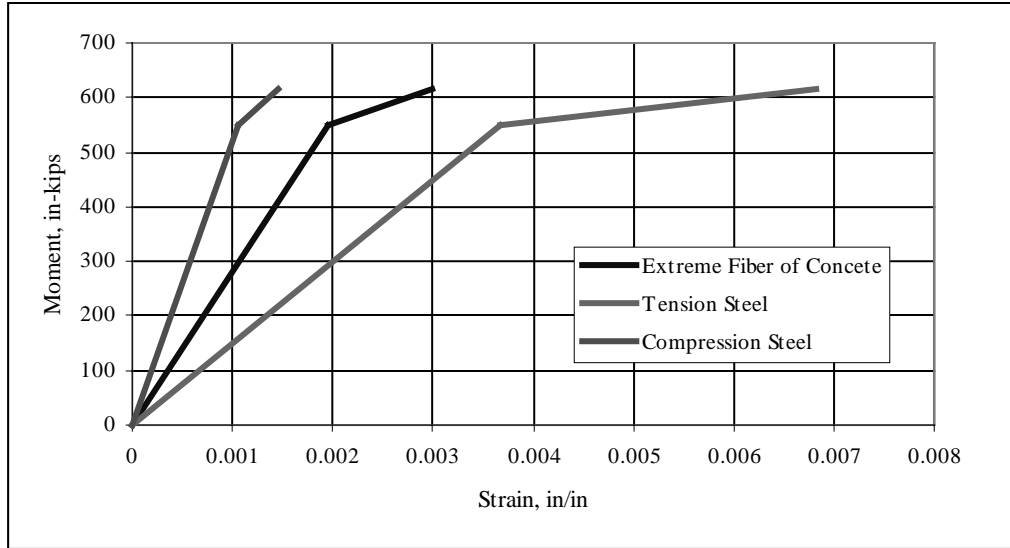


Figure C.7: Theoretical Moment-Strain Curves for Four Layer, ±45° Strengthened Beam