1. Both statements A and B are correct.

2. $\delta y_1 = h_1 + y_1' \delta x_1$ and $\delta y_2 = h_2 + y_2' \delta x_2$

3. $F_{y''} = 0$ and $y'' = 0$

4. The guided-beam problem cannot be solved using Statements A and B.

5. Weierstrass-Erdmann corner conditions

6. Fixed-free

7. if (A(j)>Amax)

        A(j)=Amax;

   end

8. A,C,D

9. A(j)=A(j)*(alpha*E(j)*uDashDash(j)^2/lambda)^eta

10.4