

## Example Problem - Le 10

**15.20** Ring C has an inside radius of 55 mm and an outside radius of 60 mm and is positioned between two wheels A and B, each of 24 mm outside radius. Knowing that wheel A rotates with a constant angular velocity of 300 rpm and that no slipping occurs, determine :

- the angular velocity of ring C and of wheel B,
- the acceleration of the points of A and B which are in contact with C.

(taken from *Vector Mechanics for Engineers, 5th Edition* by Beer & Johnston)

