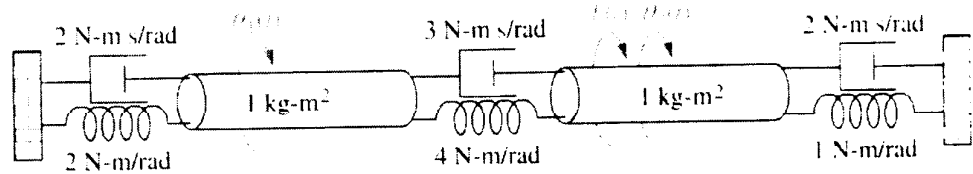


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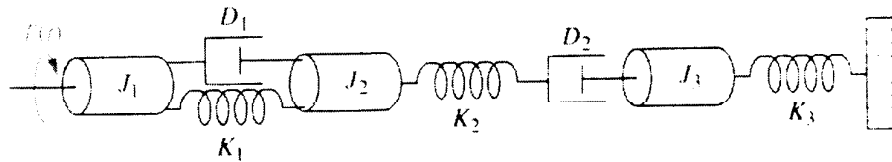
28. For the rotational mechanical system shown in Figure P2.17, write, but do not solve, the equations of motion.

Figure P2.17



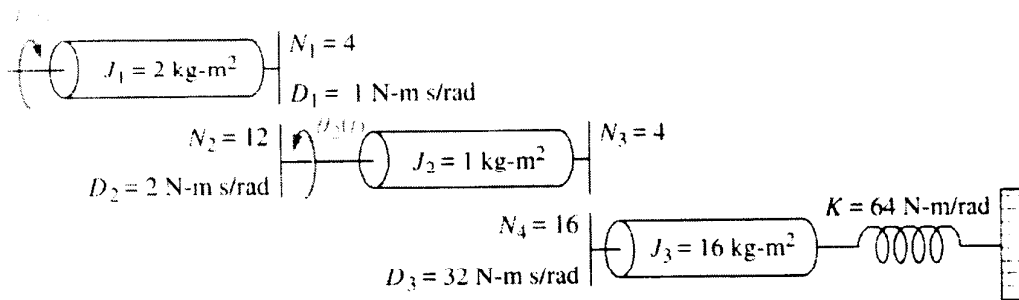
29. Write the equations of motion for the rotational mechanical system shown in Figure P2.18.

Figure P2.18



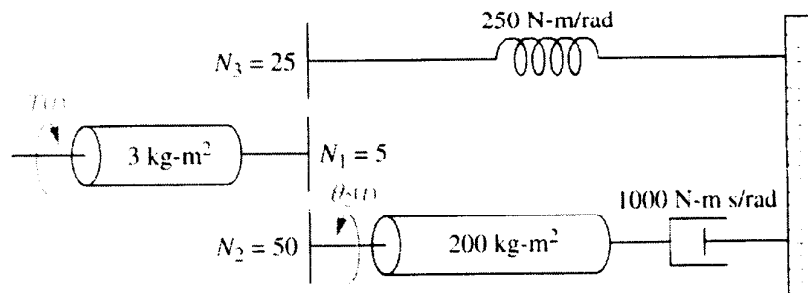
31. For the rotational system shown in Figure P2.20, find the transfer function, $G(s) = \theta_2(s)/T(s)$.

Figure P2.20



32. Find the transfer function, $G(s) = \theta_2(s)/T(s)$, for the rotational mechanical system shown in Figure P2.21.

Figure P2.21



33. Find the transfer function, $G(s) = \theta_4(s)/T(s)$, for the rotational system shown in Figure P2.22.

Figure P2.22

