

analogs will also be complete and exact in every respect, and the networks can substitute for the electromechanical plates in any and all circumstances.

A. Mechanical Boundary Network

1. In most of the calculations of this chapter it will suit our purposes to use matrix notation, along with, or in place of, tensor notation. Our attention will be largely confined to the physical and electrical port quantities in the transformed and untransformed systems, and to the modal matrix.

As we have done previously, the degree sign is used to denote a

