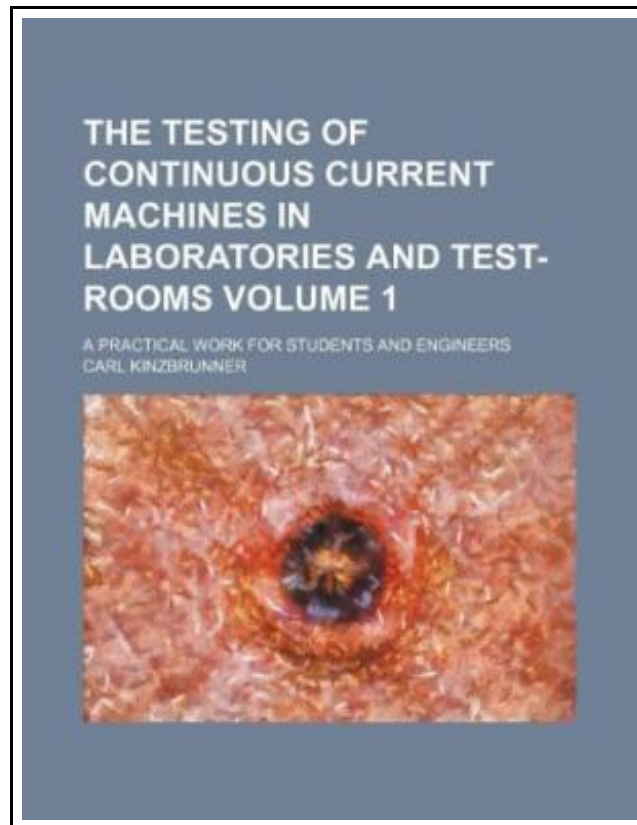


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 $P_d (J_a V T r; (23) \text{ for shunt machines, } p_e f t o i T T V. ) (24) \text{ for series machines, and } p P_7 C a_2 (r_a r, ) e m r m (25) \text{ for compound machines.}$   
Hence the electrical efficiency of a machine becomes determinable when the resistances of the armature and field coils are known. The measurement of these resistances is described in Chapter II. In the following are three examples for determining respectively the electrical efficiency of (a) A shunt machine. (1) A series (e) A compound (a) Shunt Machine....



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