

REPLACEMENT TORQUE OF TRACTION MOTORS

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ABSTRACT *In the paper the author displayed thesis that the internal electric machines torque is equivalent energy transfer by machine turns one radian angle.*

Author call torque for define distance "replemental torque".

There are presented calculation resultants replemental torque and power which confirm thesis for motors of 26 traction cars: tramcars, trolleybuses, metro, multiply units train and locomotives.

Keywords: *Traction cars, Traction motors, Energy, Power, Torque, Replacement torque*