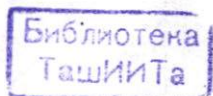


"O'zbekiston temir yo'llari" DATK  
Toshkent temir yo'l muhandislari instituti

Z.G.Nazirova

**O'TKINCHI JARAYONLAR**

5310200 – “Elektrenergetika”  
ta'lim yo'nalishidagi 3-kurs bakalavriat talabalari uchun  
o'quv qo'llanma



Toshkent – 2014