

Рисунки к курсу лекций МИТ

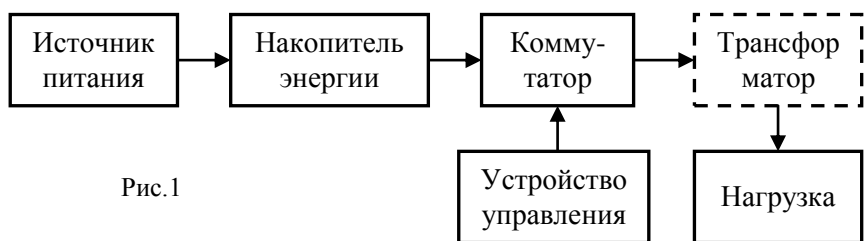


Рис.1

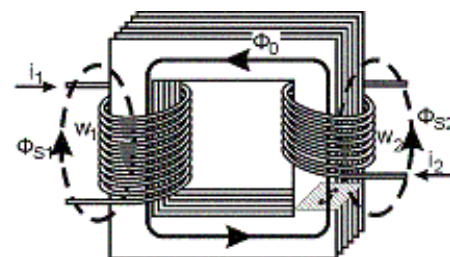


Рис.2

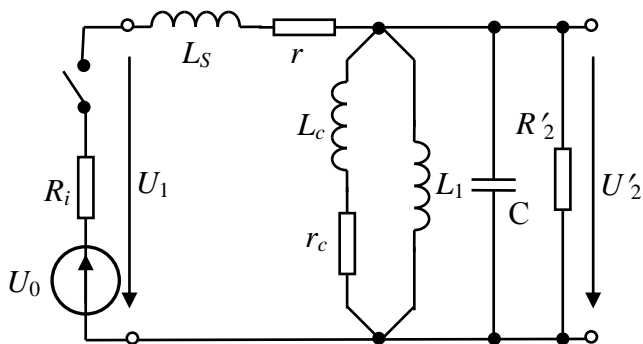


Рис.3

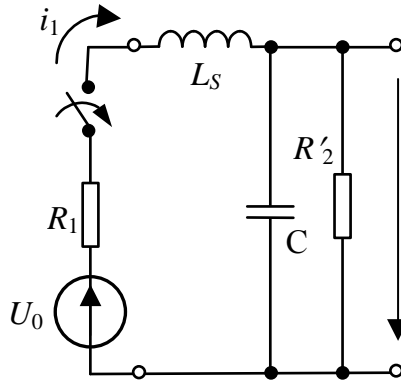


Рис.4

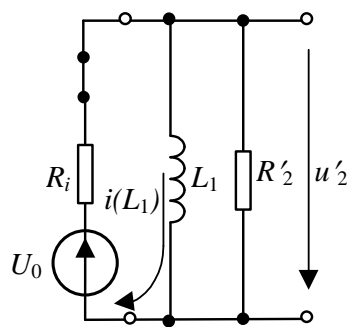


Рис.6

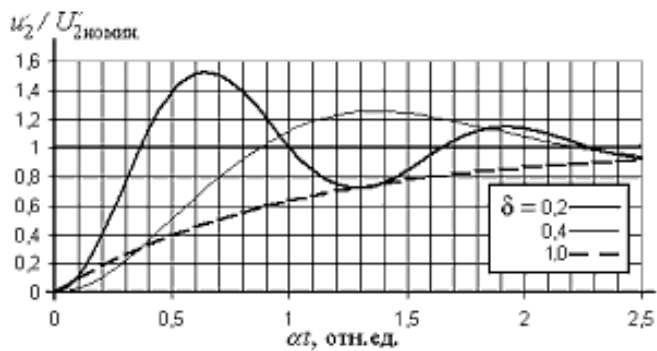


Рис.5

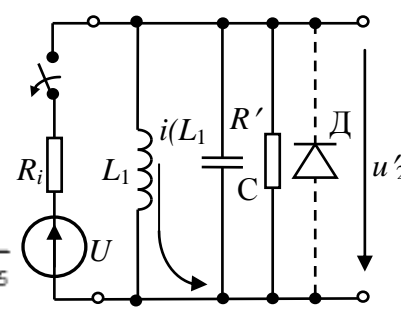


Рис.7.

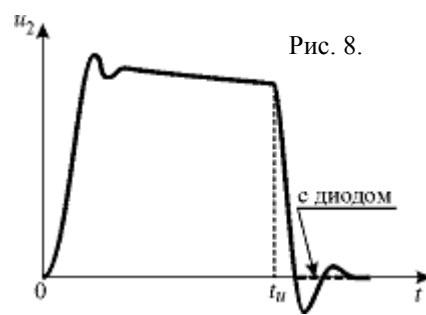


Рис.8.

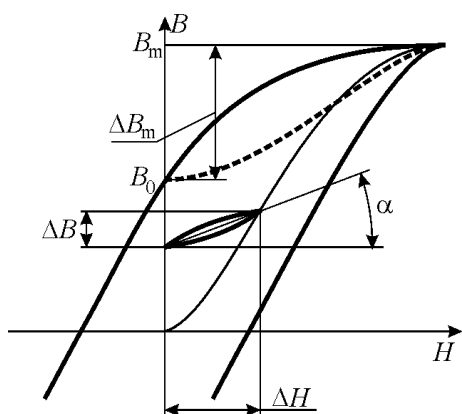


Рис.9

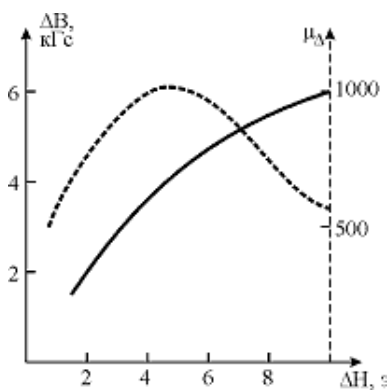


Рис.10

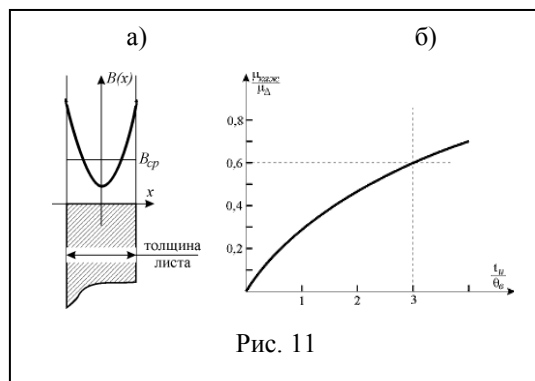


Рис.11

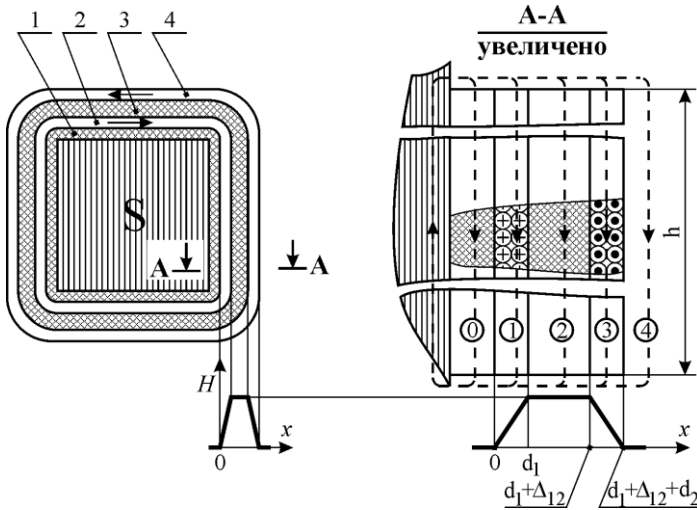


Рис.12

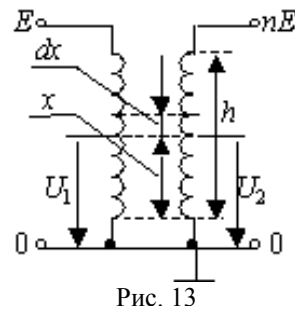


Рис. 13

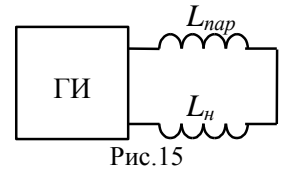


Рис.15

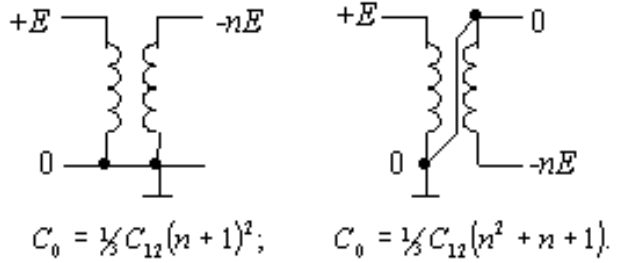


Рис. 14

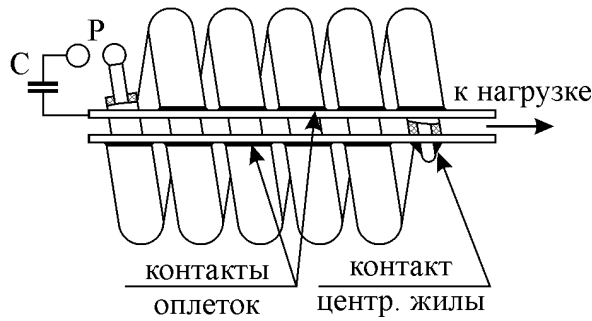
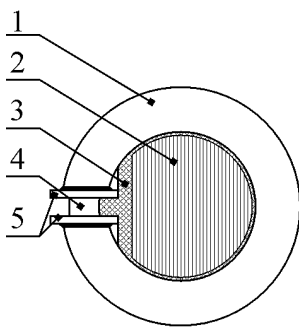


Рис.16

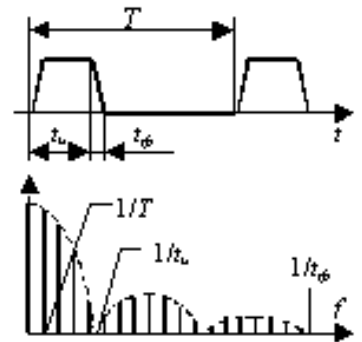
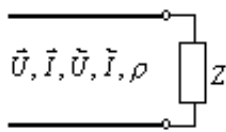


Таблица 1

Линии передачи		
однородные и неоднородные	с распределенными параметрами	коаксиальные полосковые дисковые
	промежуточные	спиральные
	с сосредоточенными параметрами	цепочечные

а)



б)

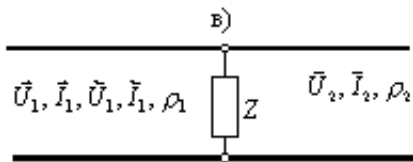
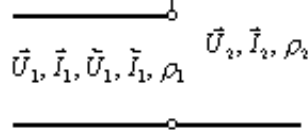


Рис. 19.

Рис.17

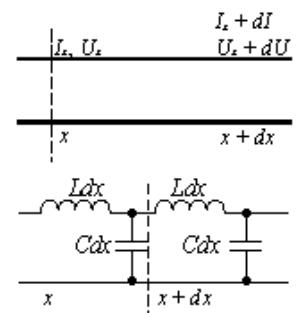


Рис.18

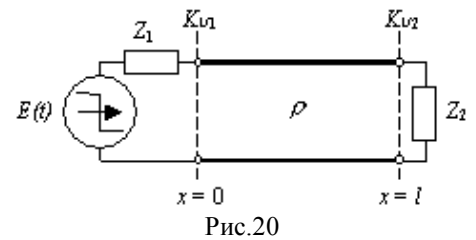
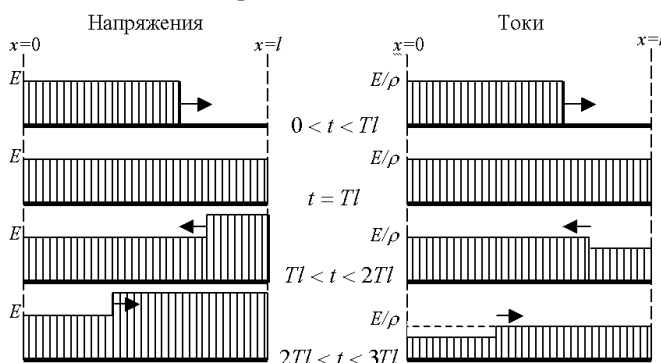


Рис.20



$U_{уст} = E$; $I_{уст} = \frac{E}{Z_2}$

Рис.21

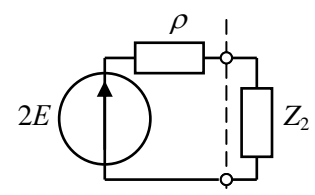


Рис. 22.

Переходные процессы в линии передачи при согласованном генераторе и разных нагрузках

№	Вид нагрузки	Напряжение на входе	Напряжение на нагрузке
1	$Z_2 = \infty$		
2	$Z_2 = 0$		
3	$Z_2 = R$		
4	$Z_2 = 1/pC$		
5	$Z_2 = pL$		
6	$Z_2 = \frac{pCR}{1+pCR}$		
7	$Z_2 = R+pL$		

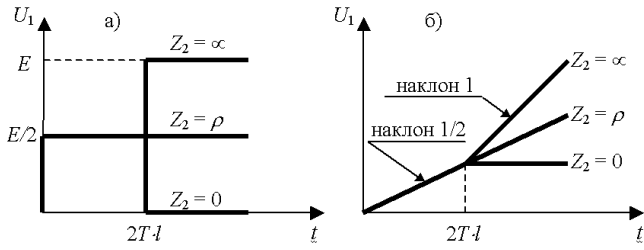


Рис. 23

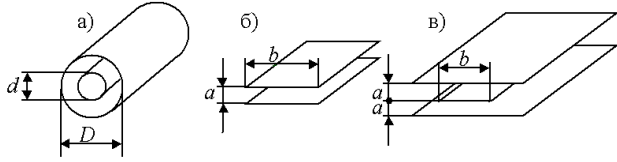


Рис. 24

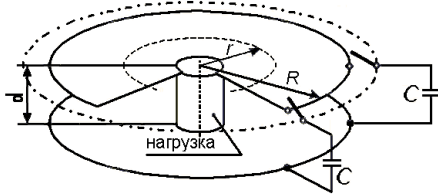


Рис. 25

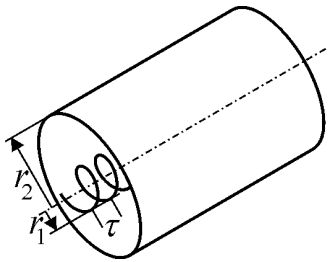


Рис. 26

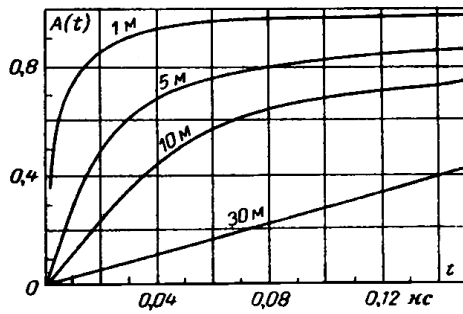


Рис. 28

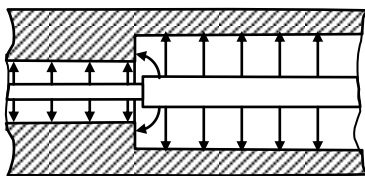


Рис. 28.2

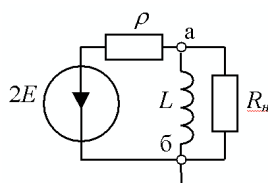


Рис. 31.

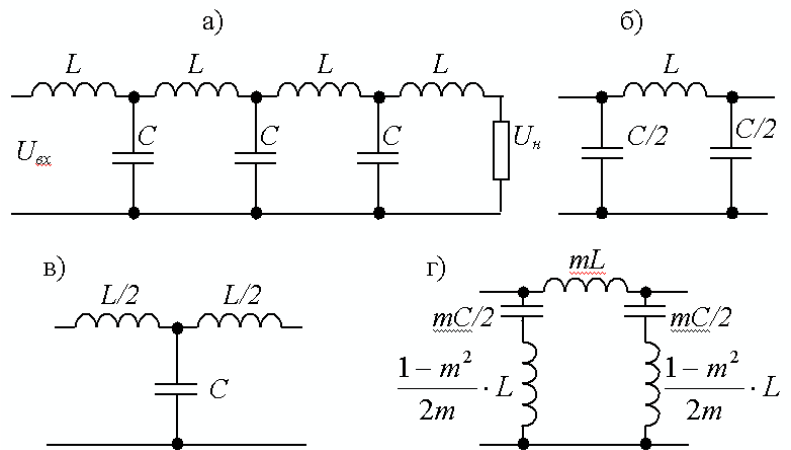


Рис. 27

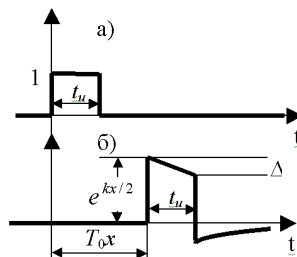


Рис. 29

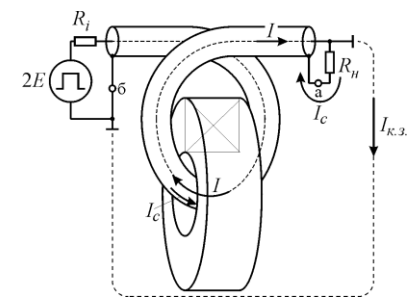


Рис. 30

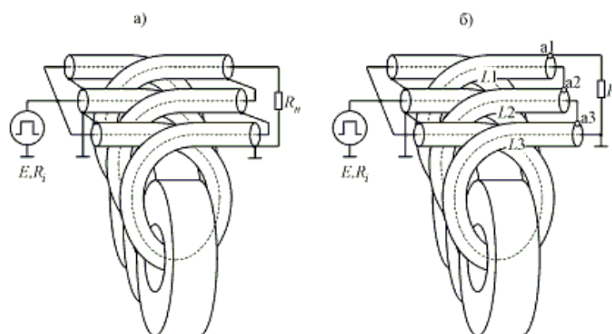


Рис. 32

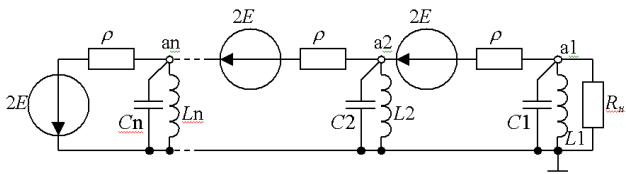


Рис. 33.

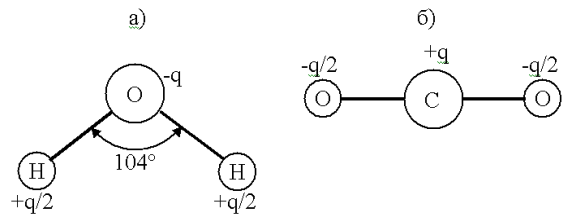


Рис. 34

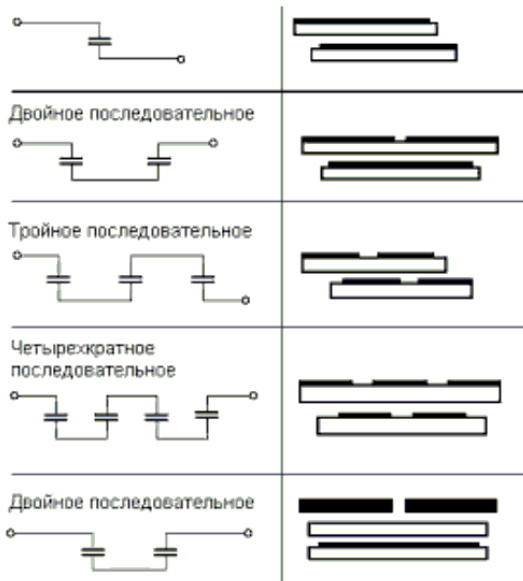


Рис. 35

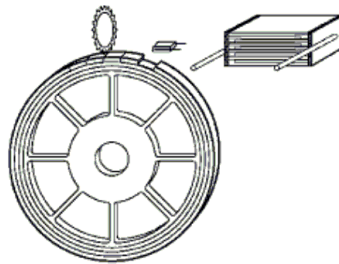


Рис. 36

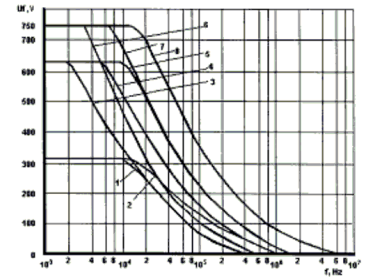


Рис. 37

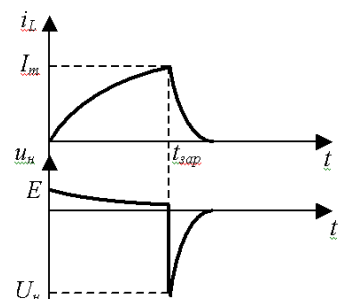
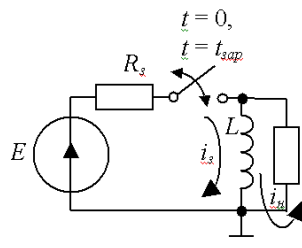


Рис. 38

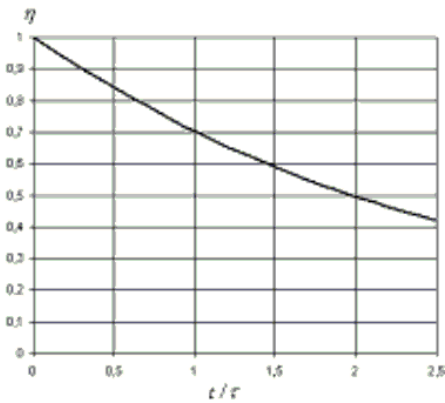


Рис. 39

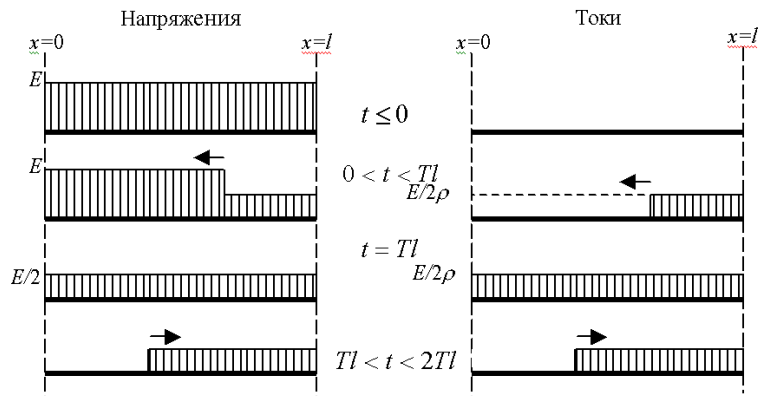


Рис. 41

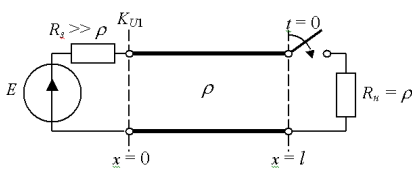


Рис. 40

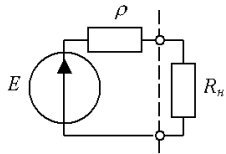


Рис. 42

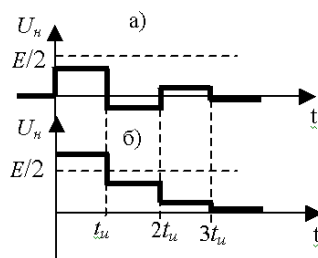


Рис. 43

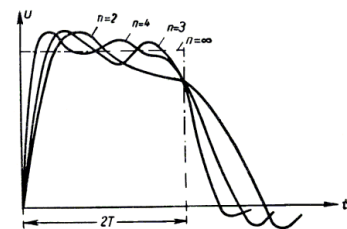


Рис. 44

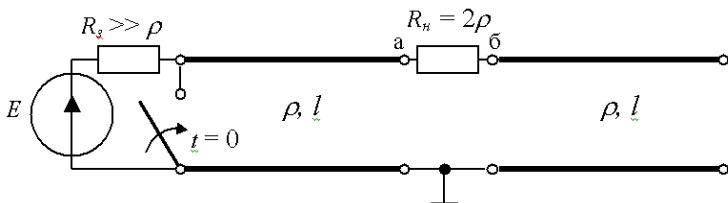


Рис. 45

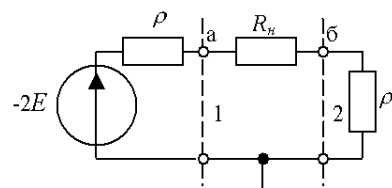


Рис. 47

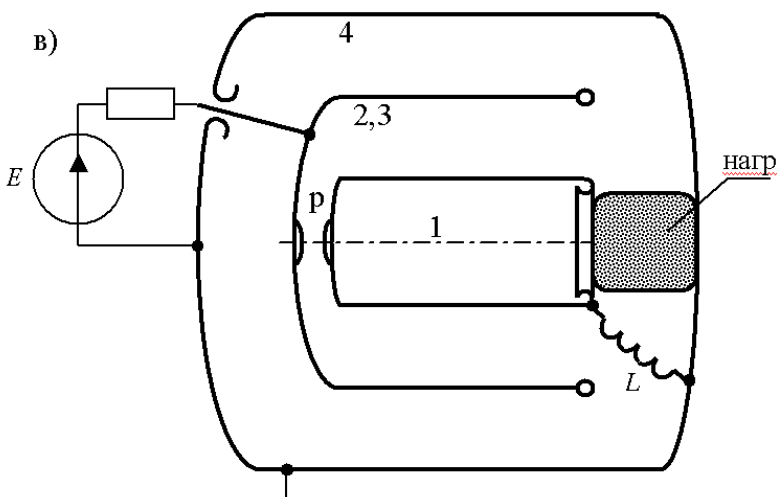
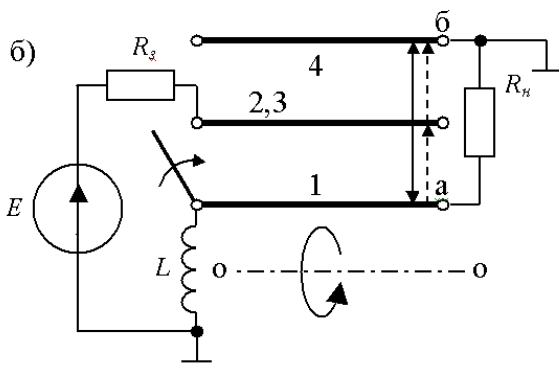
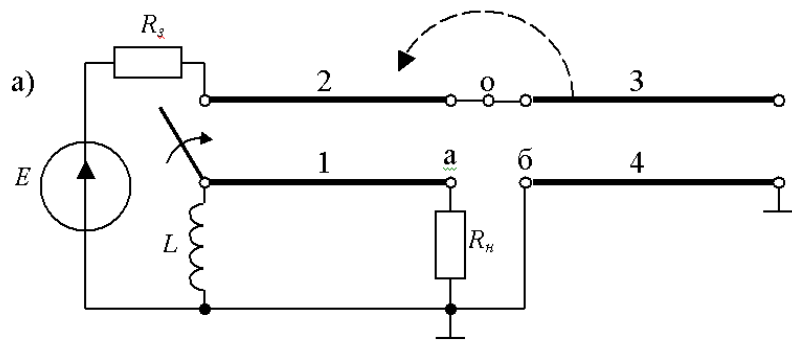
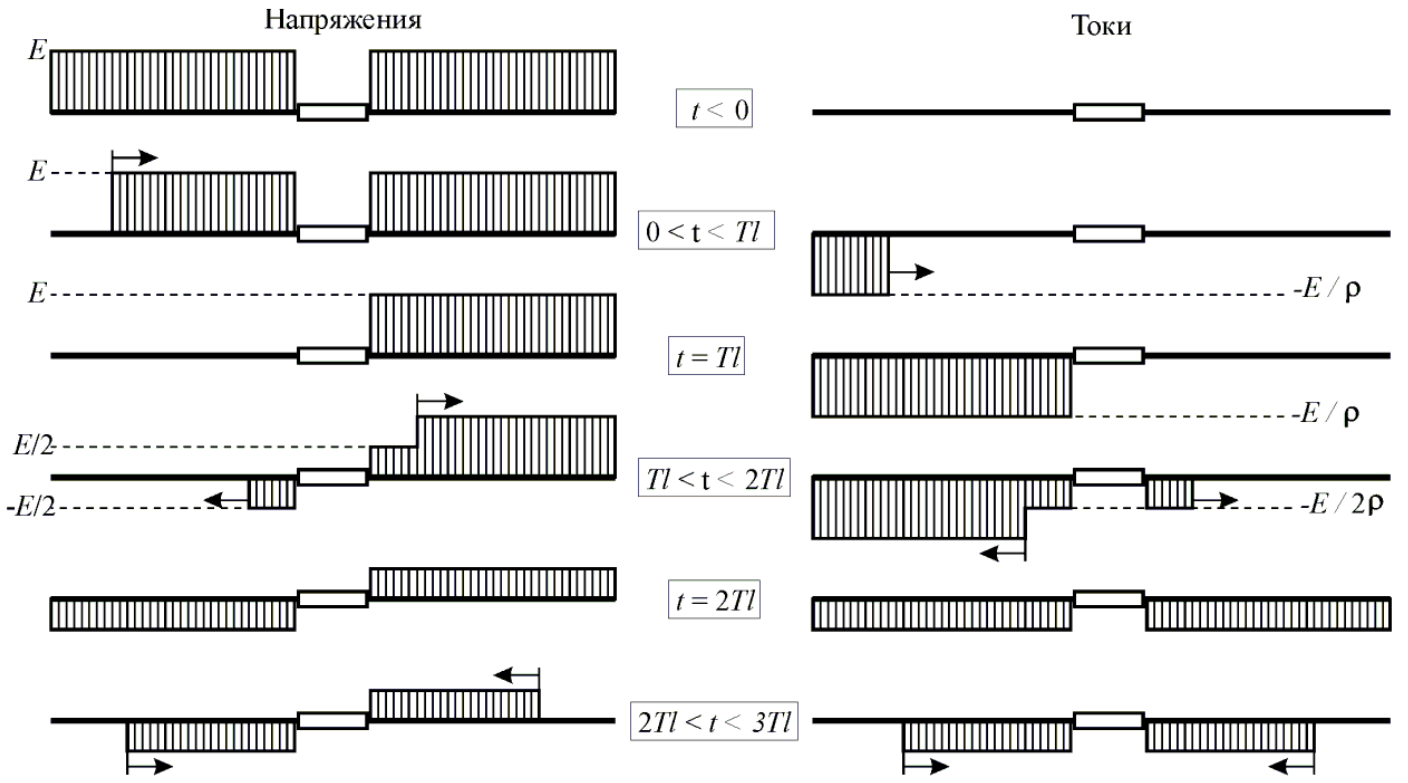


Рис. 48

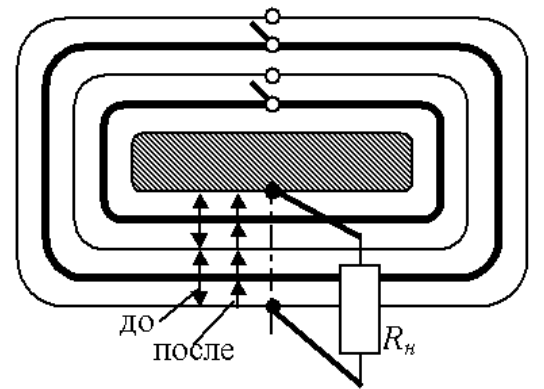


Рис. 49

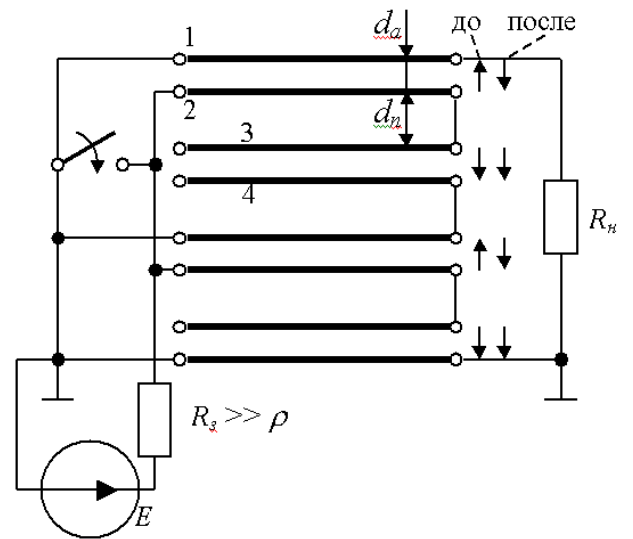


Рис. 50

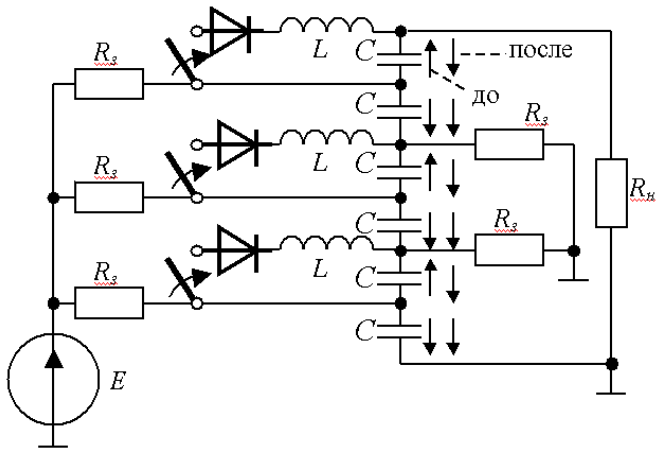


Рис.51

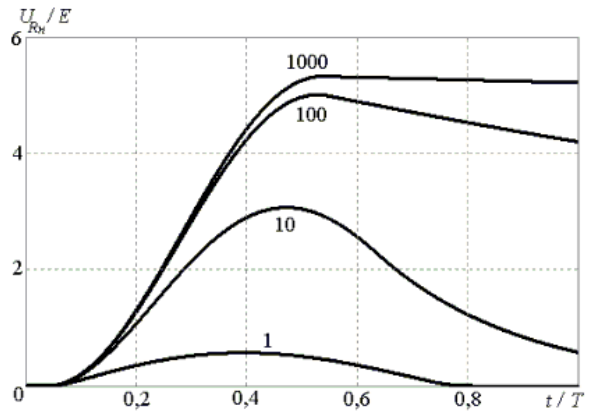


Рис.52

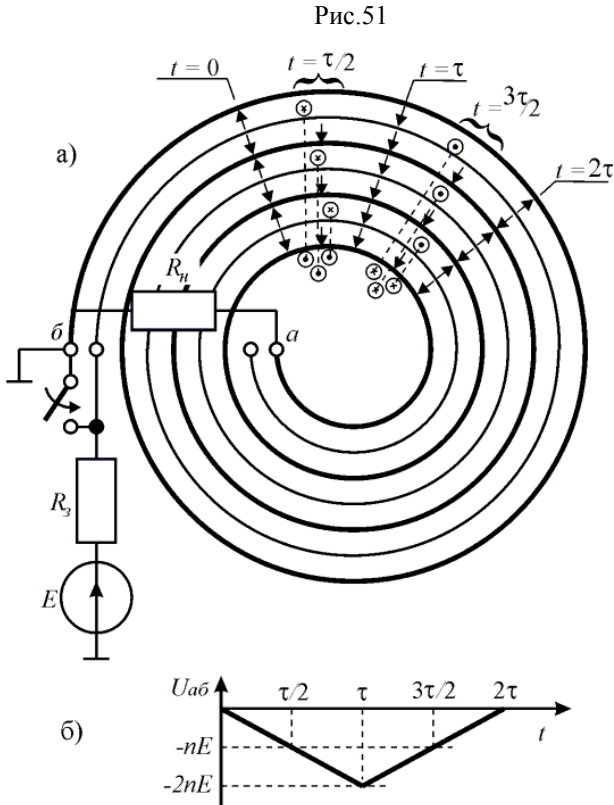


Рис. 53

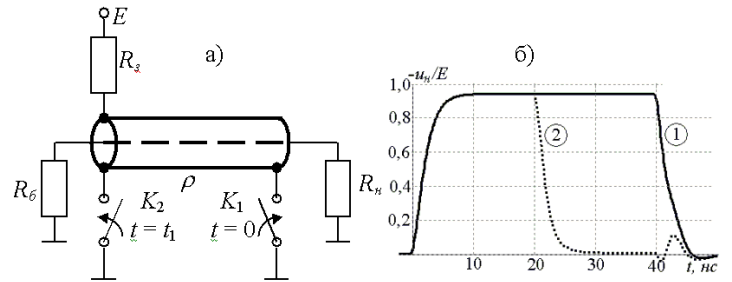


Рис.54

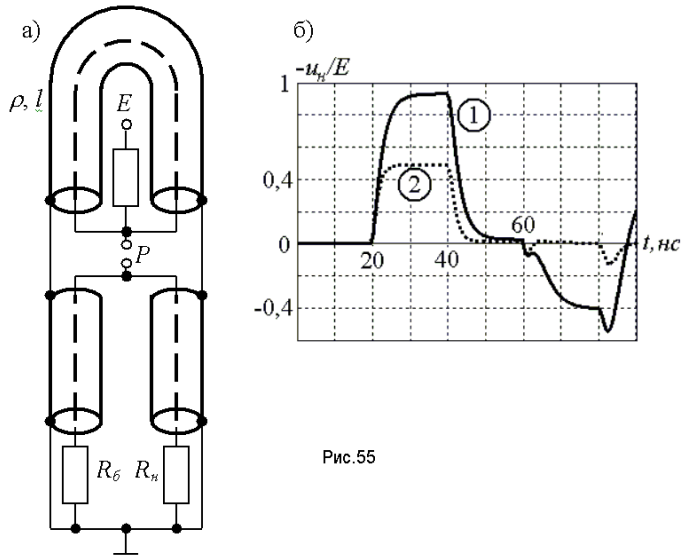


Рис.55

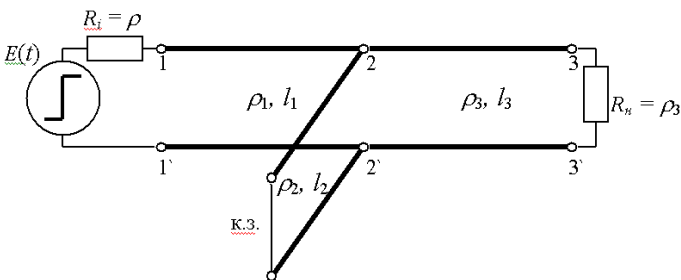


Рис.56

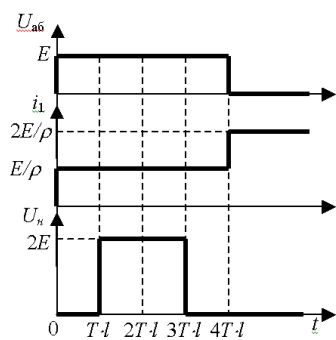


Рис.58

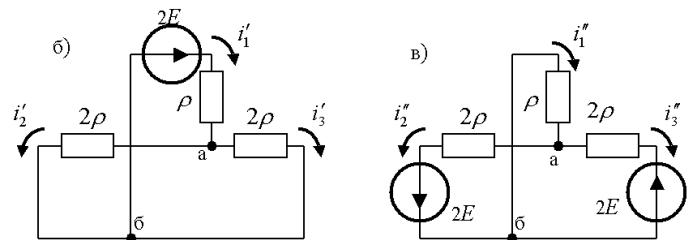
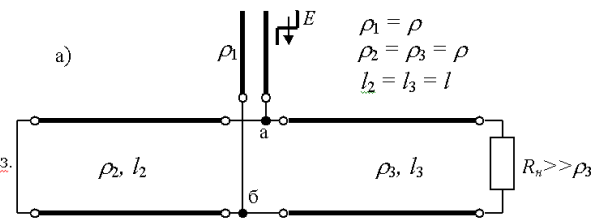
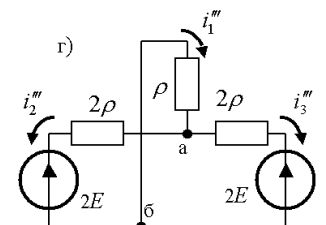


Рис. 57.



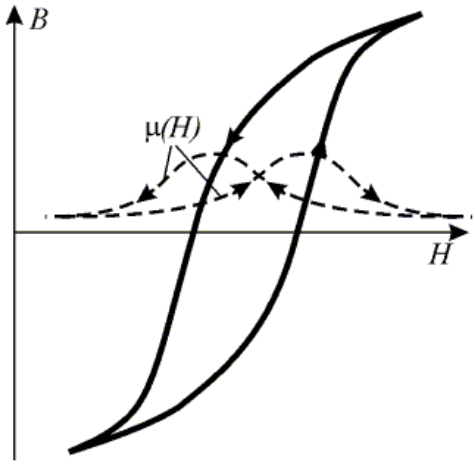


Рис.59

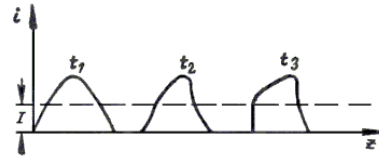


Рис.60

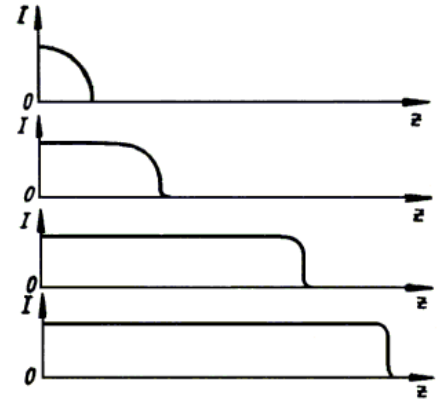


Рис.61

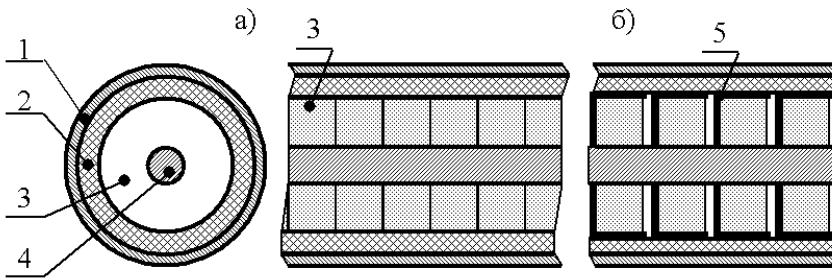


Рис.62

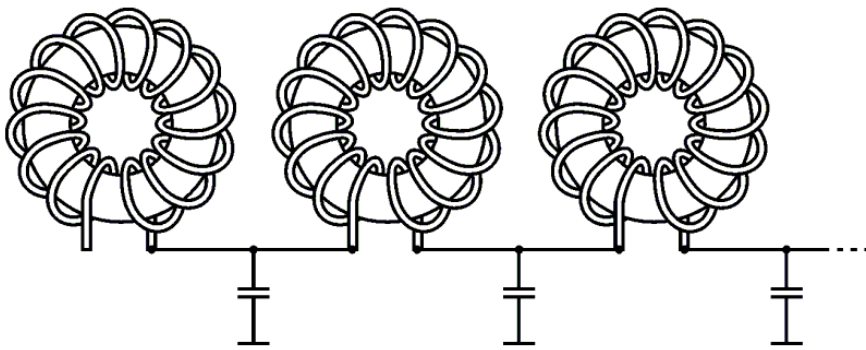


Рис.63