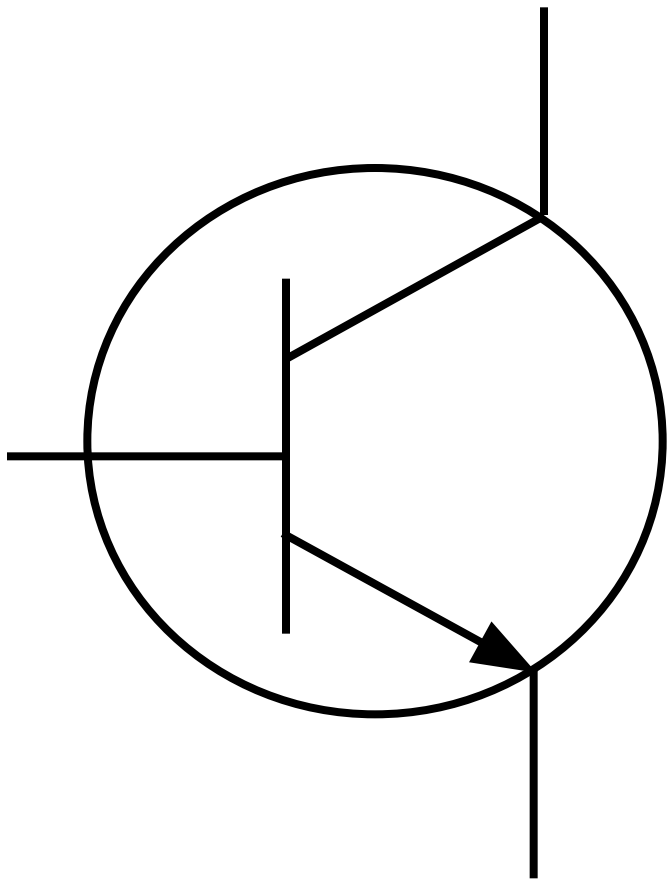
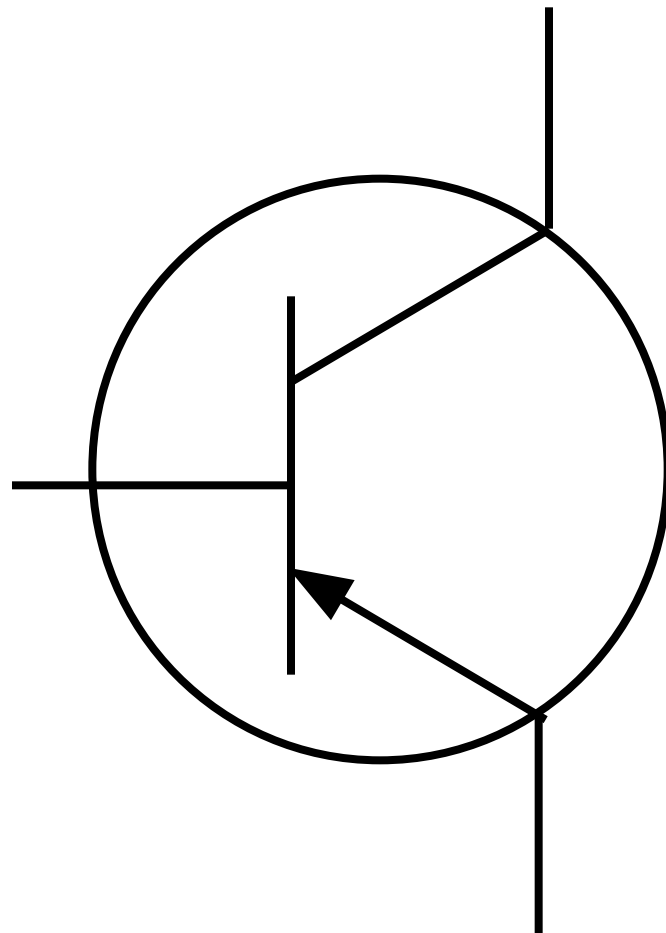


Лекция № 4.1.

Устройство и принцип действия транзистора



n-p-n



p-n-p

Рис. 1

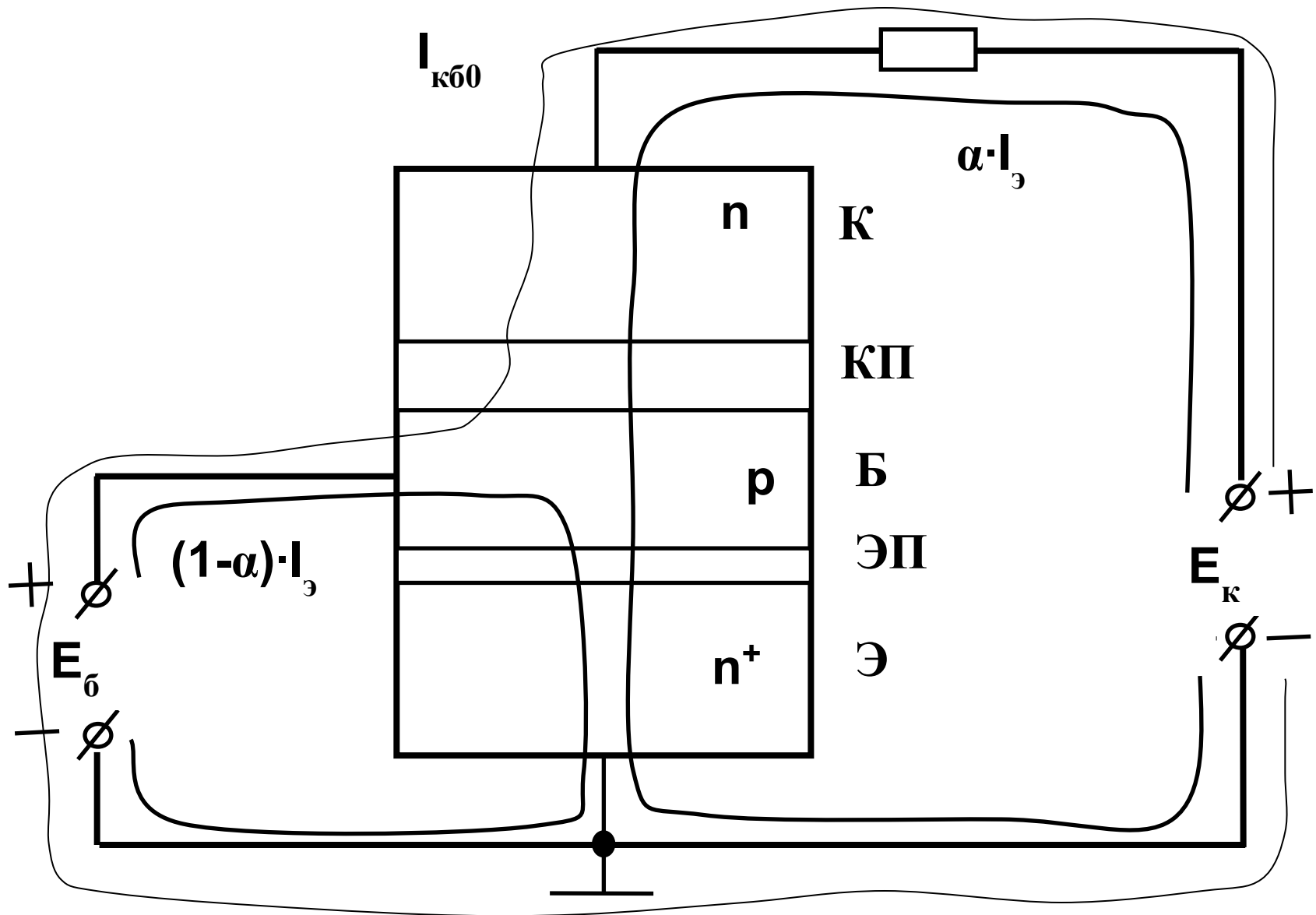


Рис. 2

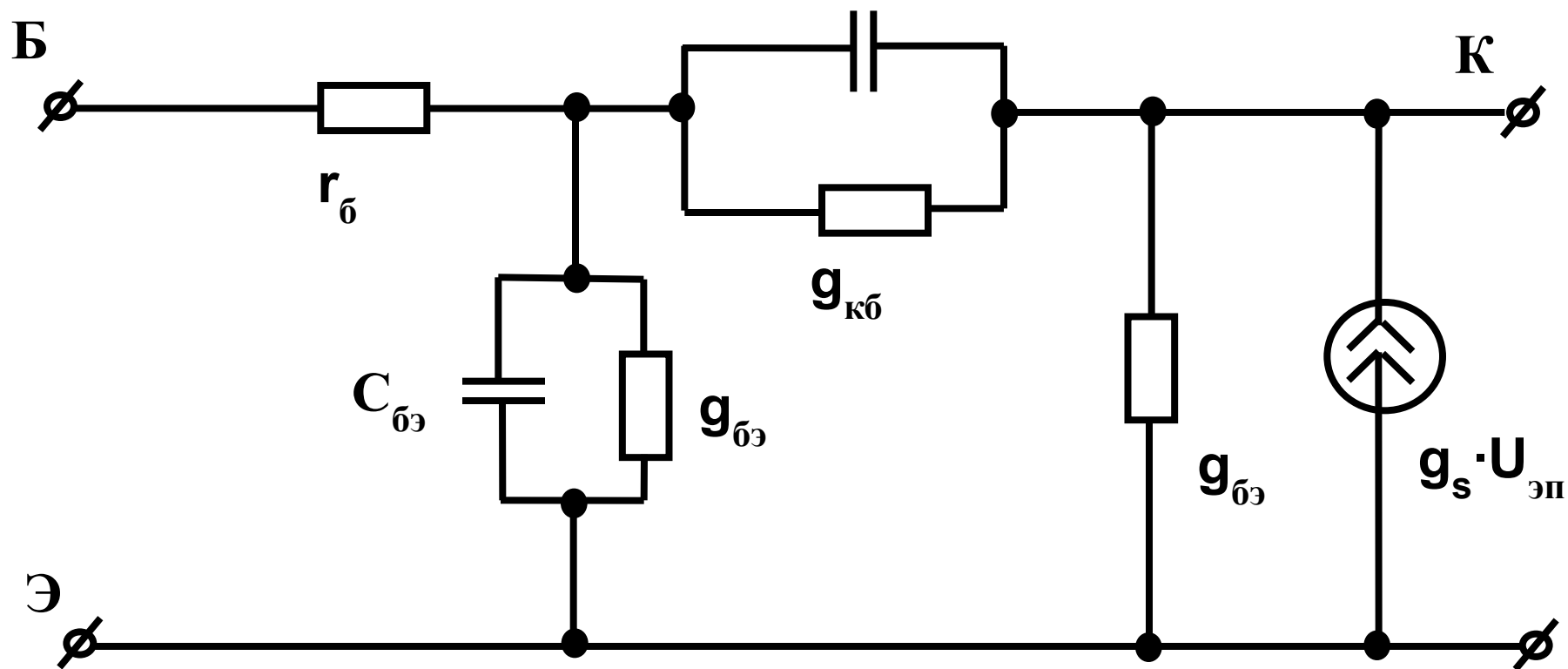
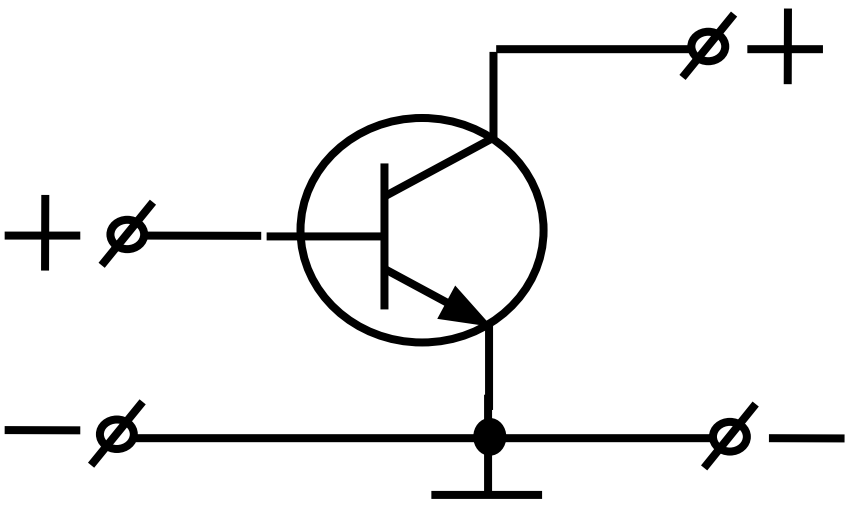
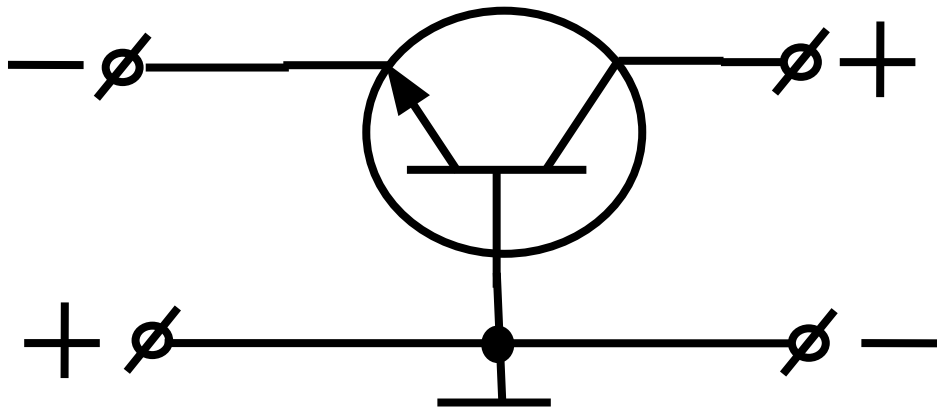


Рис. 3

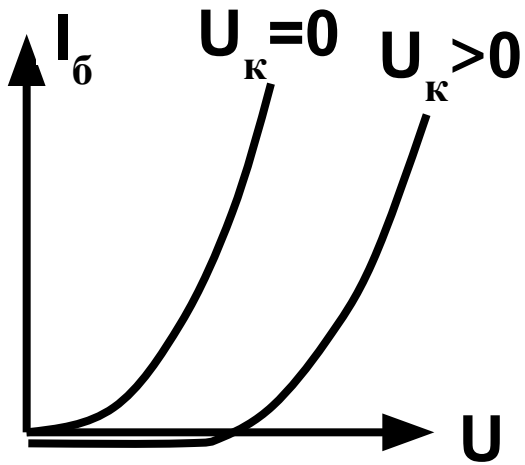


a)

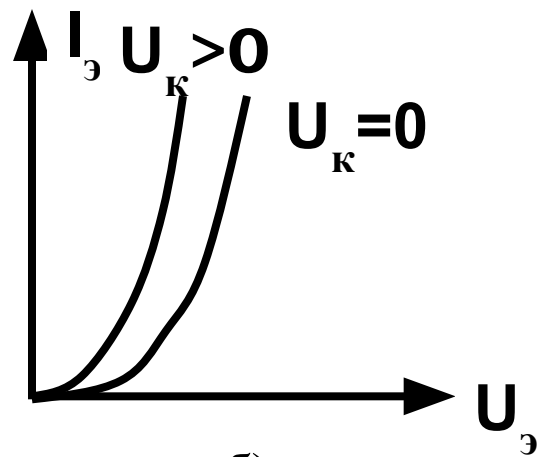


б)

Рис.4

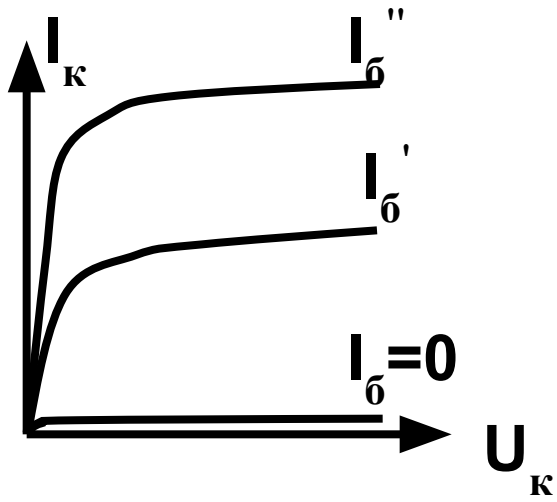


а)

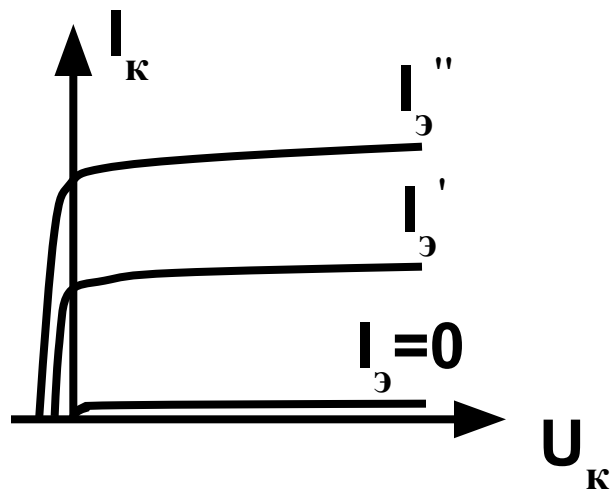


б)

Рис. 5

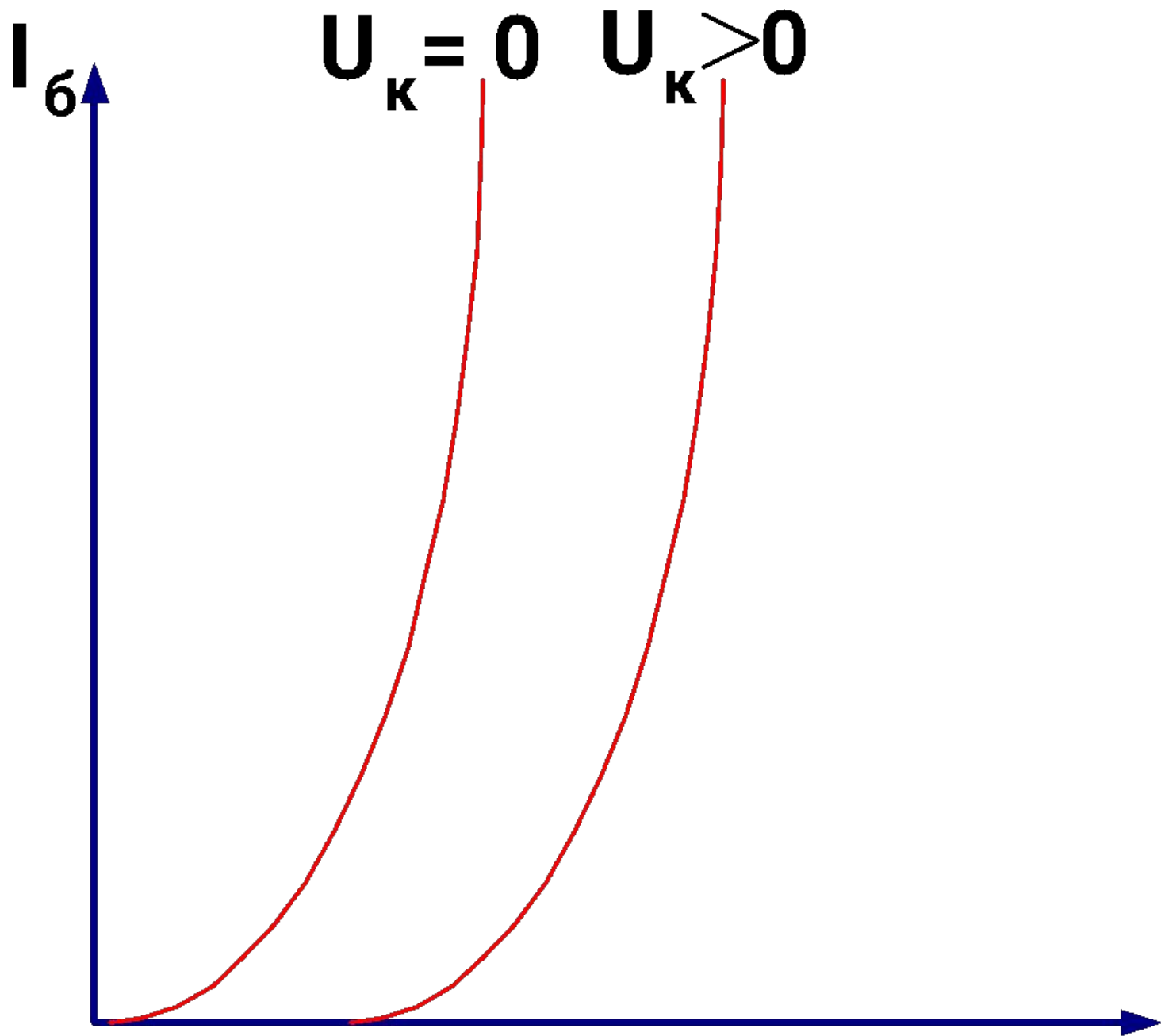


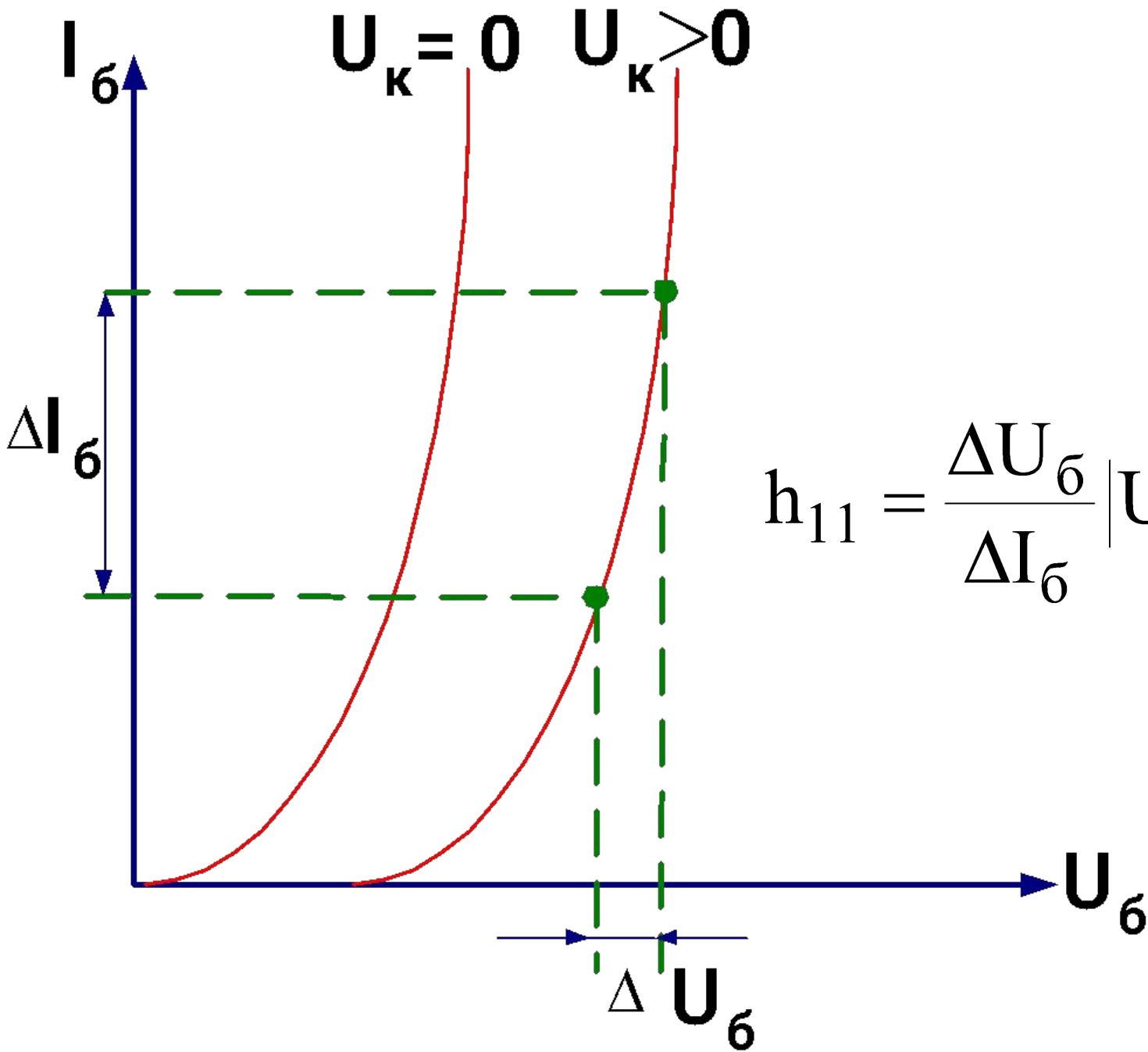
а)



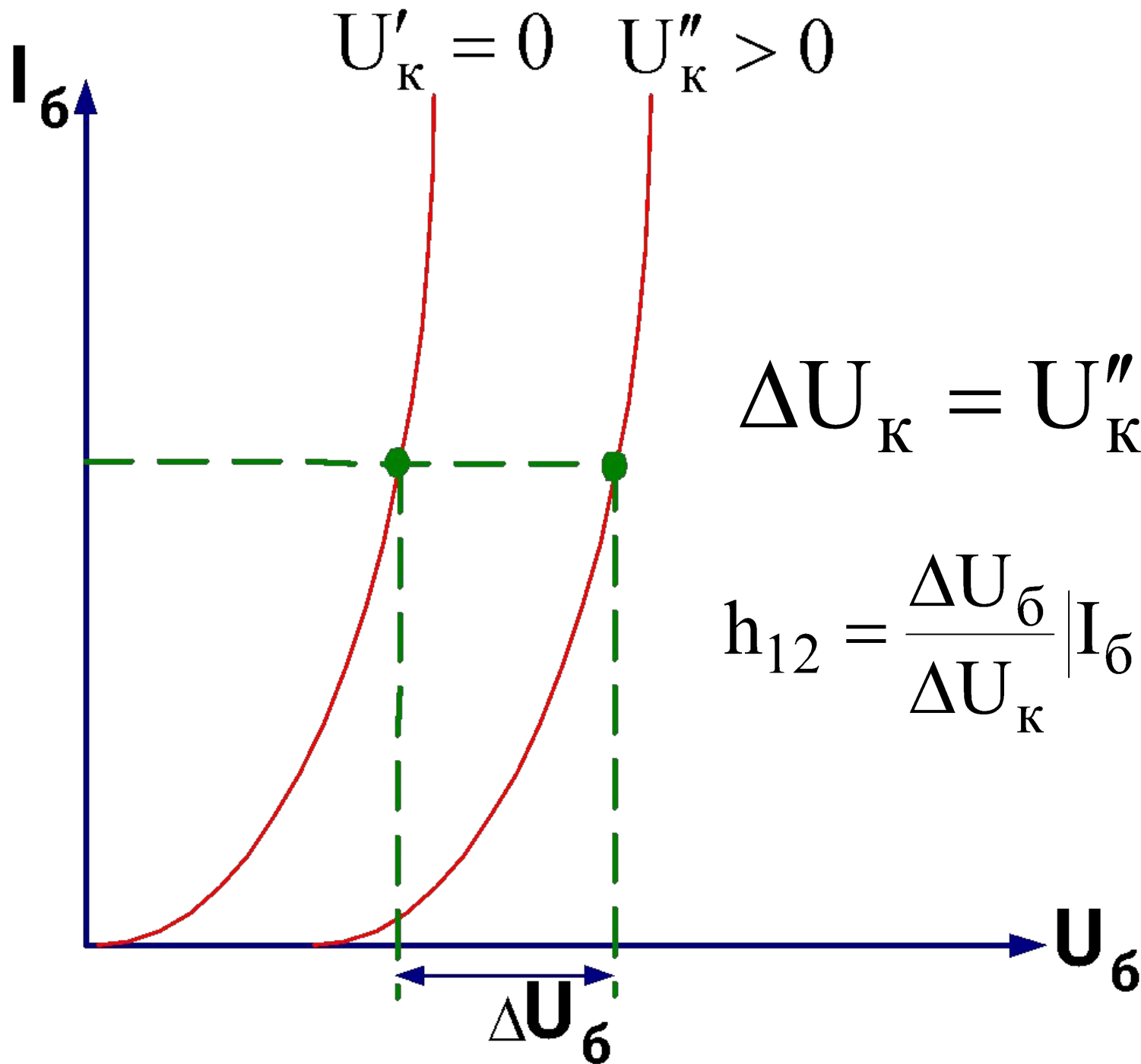
б)

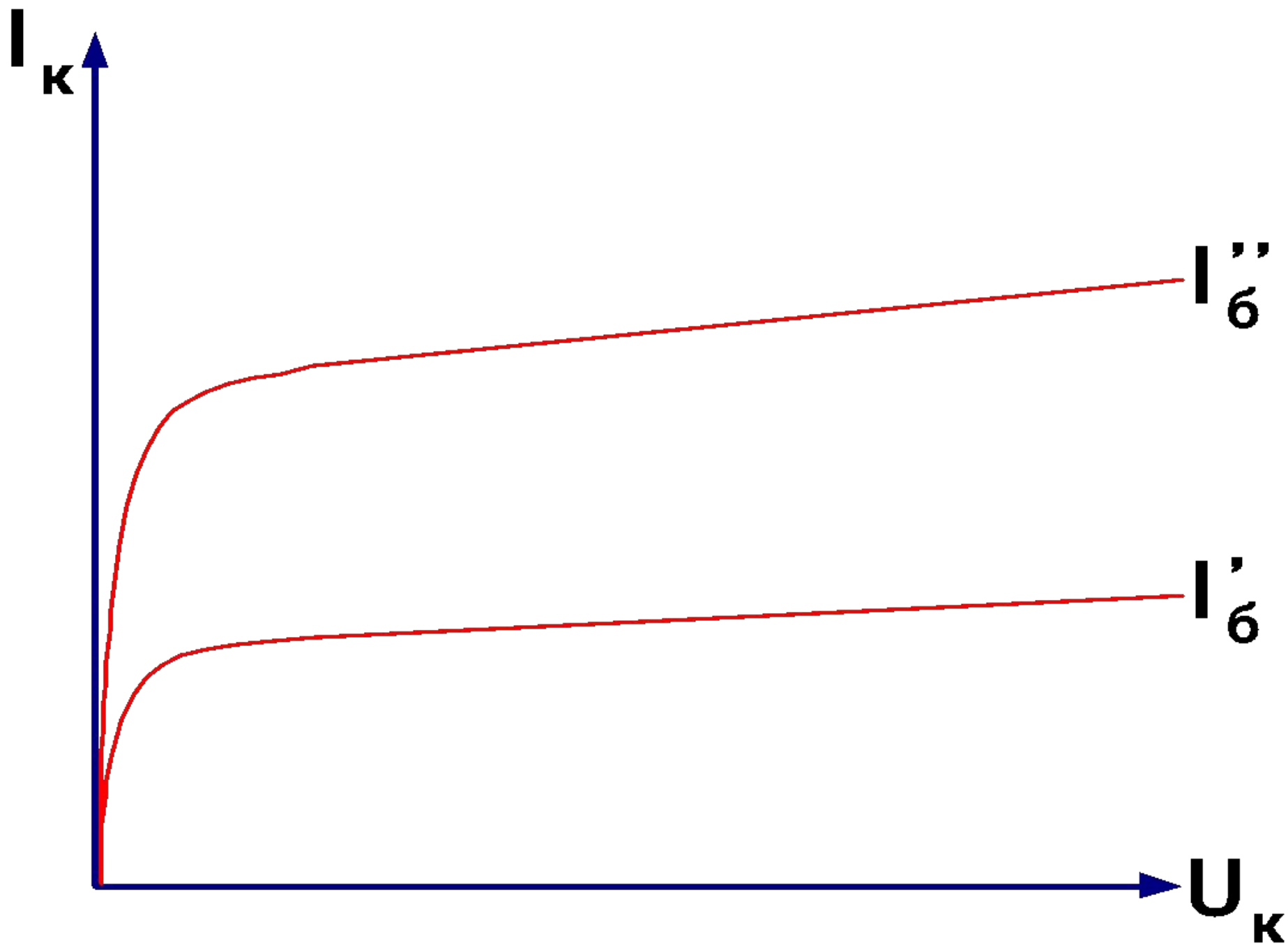
Рис.6

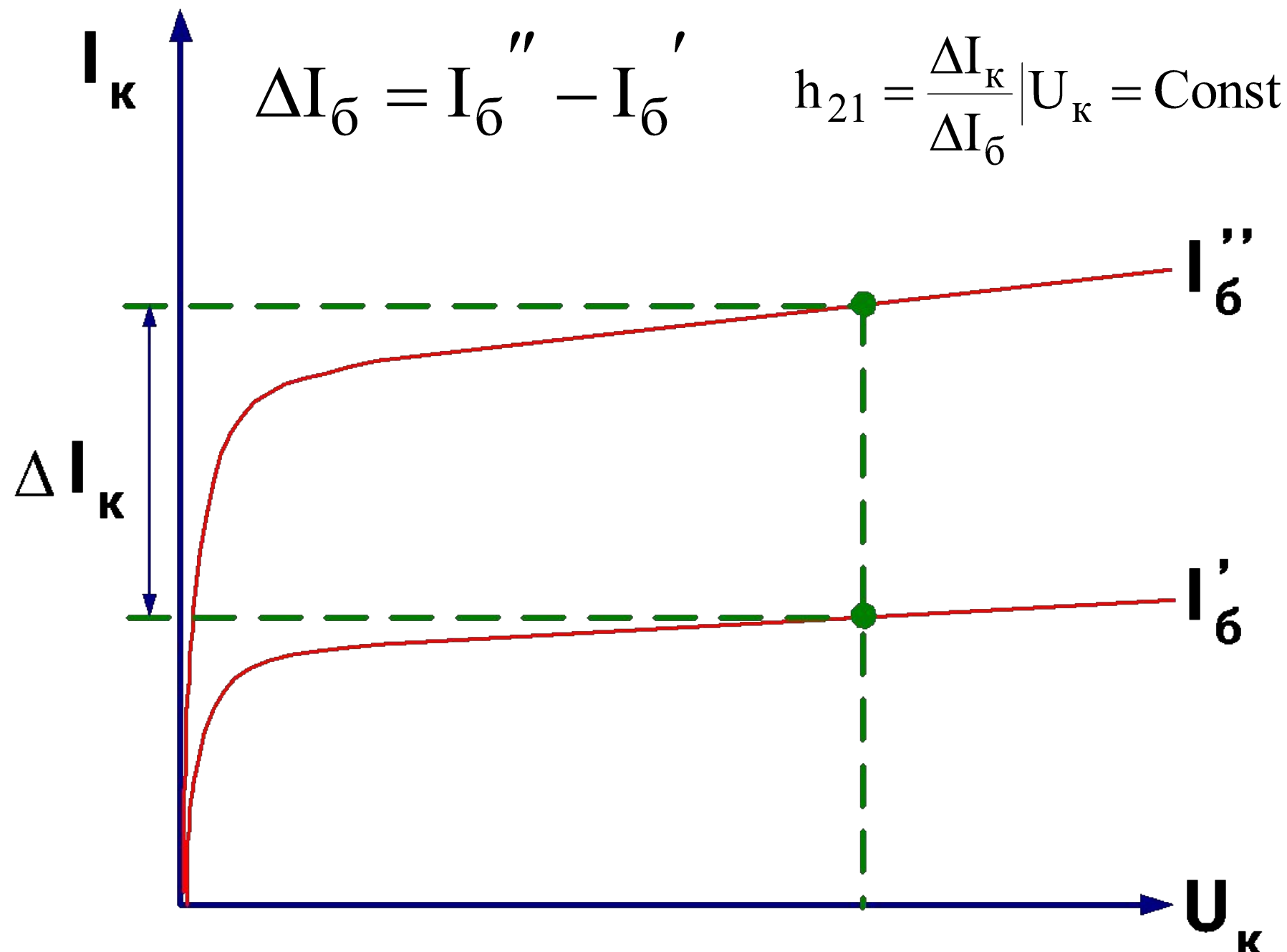


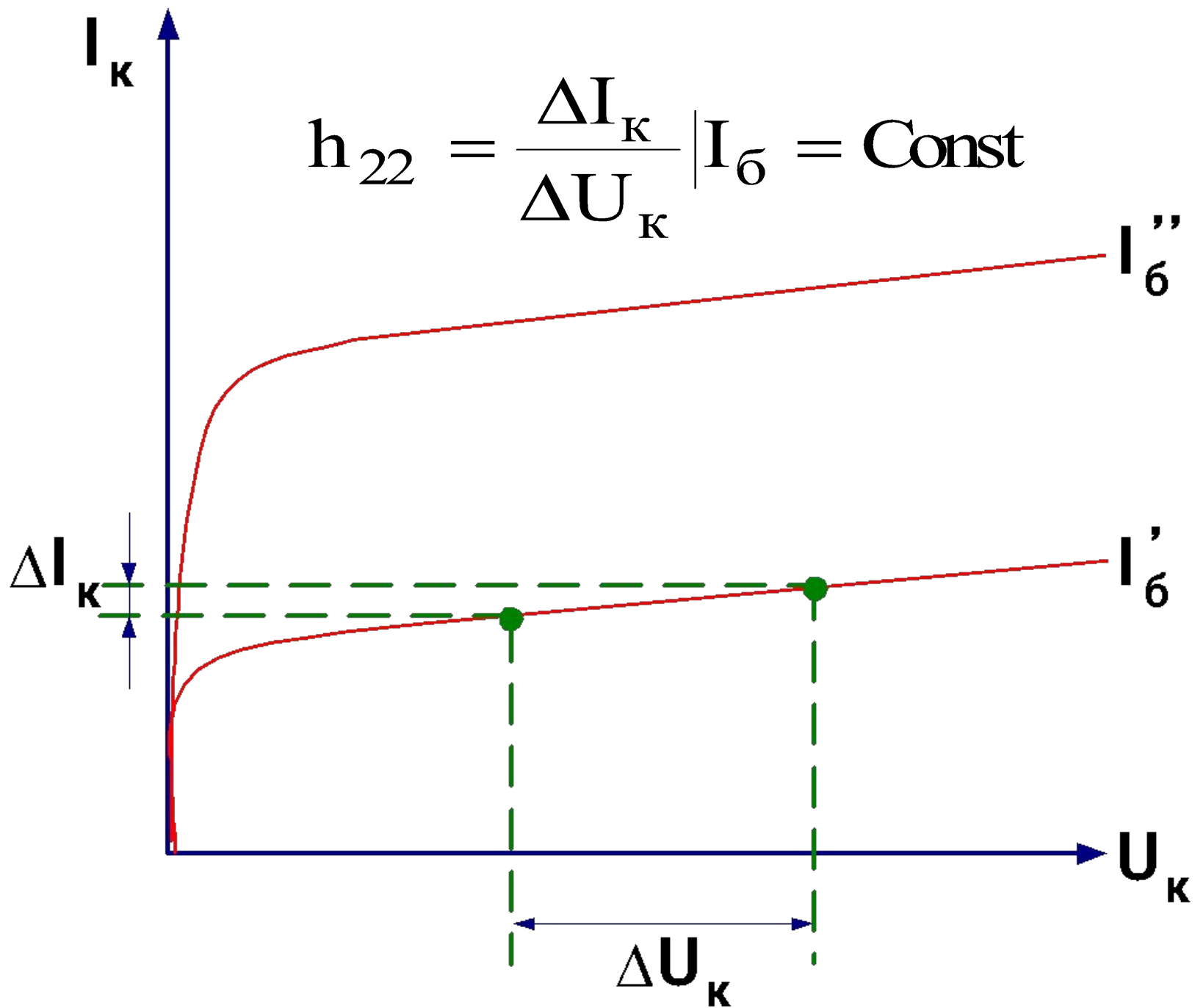


$$h_{11} = \frac{\Delta U_6}{\Delta I_6} \Big|_{U_k = \text{Const}}$$









ЗАДАНИЕ НА САМОПОДГОТОВКУ

- **1. Изучить (Л1) стр. 240-243.**
- **2. Приложение 7 "Сборника описаний лабораторных работ".**
- **3. Изучить (Л9) стр. 49-52.**