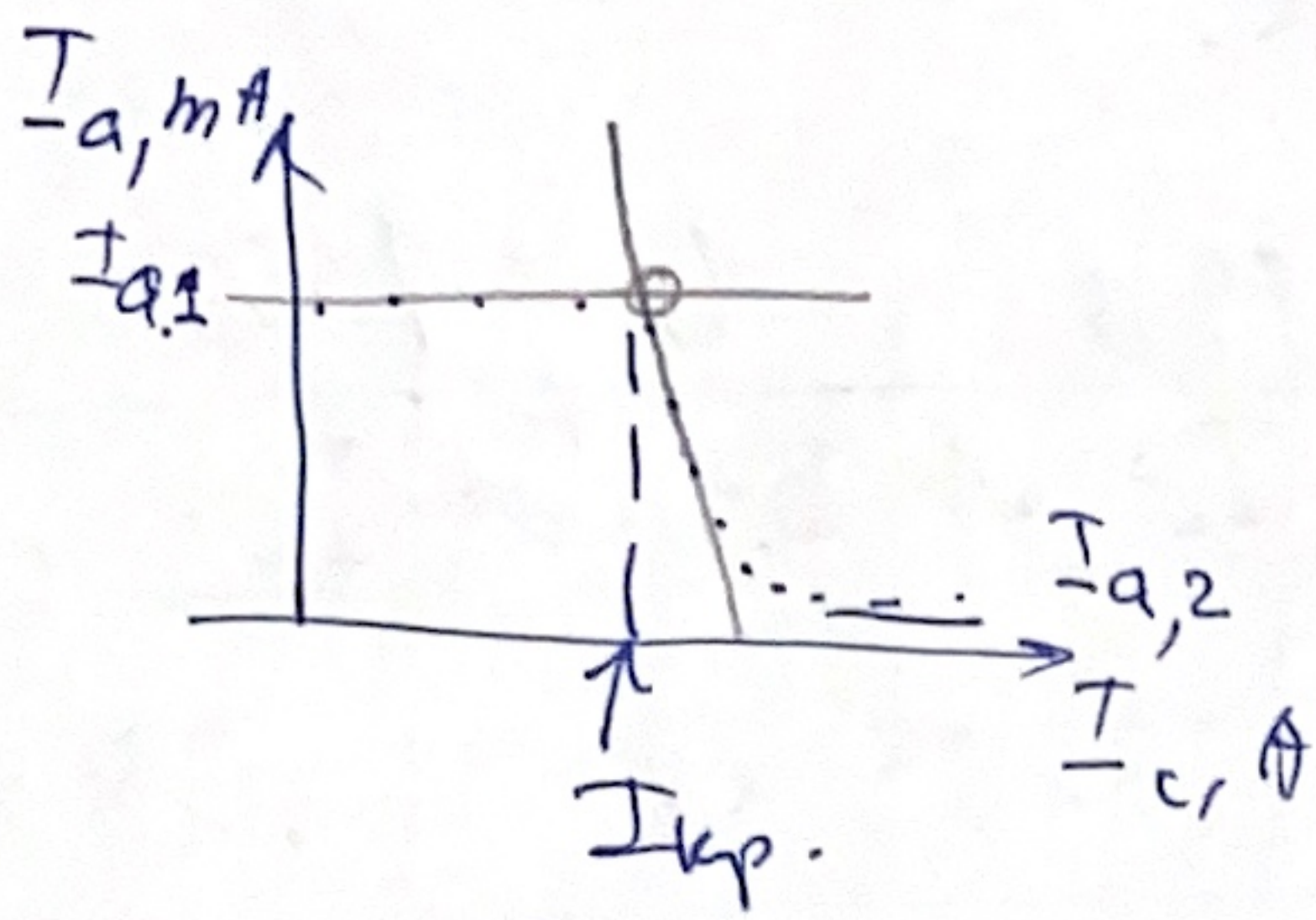


$I_a (2mA)$ $I_L (10A)$ Строкин К., Усманов К.
13, 14, 15 В. 12, 14, 15 В.

03.10.24

 $U = 12 В$ $U = 13 В$ $U = 14 В$ $U = 15 В$

№ опыта	I_L , А	I_a , mA	I_L , А	I_a , mA	I_L , А	I_a , mA	I_L , А	I_a , mA
1	0	.279	0	.320	0	.353	0	.389
2	0.039	.279 .278	0.029	.319	0.030	.352	0.033	.388
3	0.063	.277	0.071	.318	0.049	.351	0.057	.389
4	0.094	.278	0.093	.317	0.086	.351	0.082	.388
5	0.124	.279	0.117	.318	0.109	.352	0.106	.389
6	0.150	.280	0.146	.320	0.144	.353	0.136	.392
7	0.177	.278	0.177	.319	0.172	.352	0.156	.392
8	0.218	.263	0.201	.315	0.200	.348	0.185	.389
9	0.250	.207	0.224	.303	0.225	.336	0.208	.383
10	0.280	.159	0.242	.261	0.251	.272	0.236	.365
11	0.313	.122	0.268	.206	0.275	.220	0.267	.266
12	0.339	.103	0.291	.174	0.303	.181	0.282	.239
13	0.370	.082	0.324	.139	0.330	.153	0.303	.207
14	0.404	.067	0.354	.114	0.359	.128	0.330	.174
15	0.431	.059	0.379	.095	0.393	.107	0.358	.149
16	0.47	.049	0.421	.076	0.425	.087	0.385	.123
17	0.505	.043	0.459	.065	0.448	.078	0.412	.106
18	0.536	.039	0.487	.058	0.477	.069	0.447	.093
19	0.570	.036	0.509	.054	0.500	.064	0.469	.082
20	0.6	.034	0.535	.049 .049	0.523	.059	0.500	.074



$$I_a(I_c) = I_{a2} + (I_{a1} - I_{a2}) \left(1 - e^{-d I_c} \right)$$

$$I_{a1} - (I_{a1} - I_{a2}) \left(1 - e^{-d I_c} \right)$$