

## Stabilities and perturbation theory.

Book: Alan Bush: Perturbation methods for engineers and scientists. CRC Press.

Professor: Irina Markina.

Chronogram.

Weeks and classes	Theory (pages from book )	Exercises
1 week, 2 hours	Pages 1-10	
1 week, 1+1 (theory + exercises)	Pages 10-17	Page 17.
2 week, 2 hours	Pages 18-29	
2 week, 1+1	Pages 30-36	Page 22. Page 36-37.
3 week, 2 hours	Pages 38-50	
3 week, 1+1	Pages 50-58	Page 47. Page 56.
4 week, 2 hours	Pages 58-70	
4 week, 1+1	Pages 70-78	Page 61.
5 week, 2 hours	Pages 78-92	
5 week, 1+1	Pages 92-94	Page 84.
6 week, 2 hours	No classes	
6 week, 1+1	Pages 111-120	Page 94. Page 97.
7 week, 2 hours	Pages 120-132	
7 week, 1+1	Exercise	Page 131-132.
8 week, 2 hours	Pages 144-156	
8 week, 1+1	Exercise	Page 156.
9 week, 2 hours	Pages 157-172	
9 week, 1+1	Exercise	Page 168, 172.
10 week, 2 hours	Pages	
10 week, 1+1	Pages	
11 week, 2 hours	Pages 216-228	
11 week, 1+1	Pages 229-232	Page 232
12 week, 2 hours	Pages 233-241	
12 week, 1+1	Pages 242-247	Page 238. Page 241. Page 247
13 week, 2 hours	Pages 248-265	
13 week, 1+1	Pages 266-275	Page 261. Page 263. Page 276
14 week, 2 hours	Pages 276-292	
14 weekl, 1+1	Pages 293- 298	Page 292.