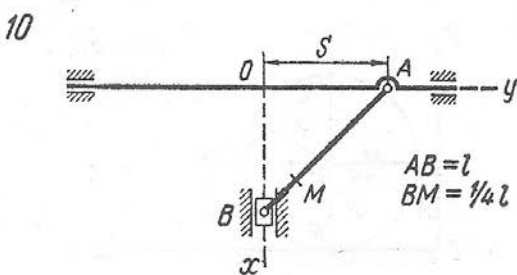
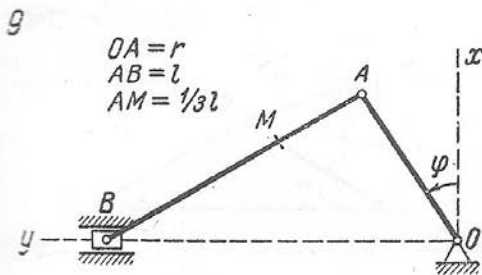
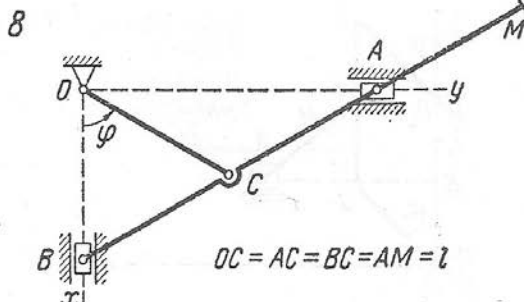
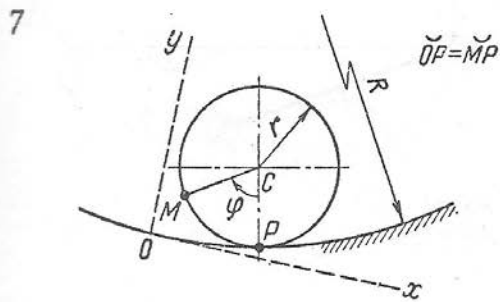
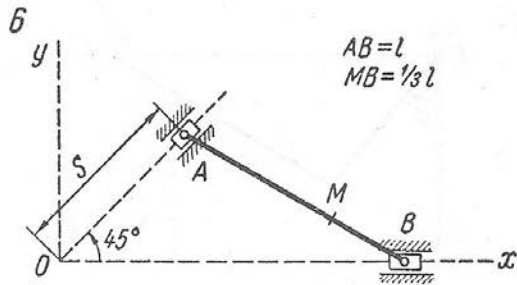
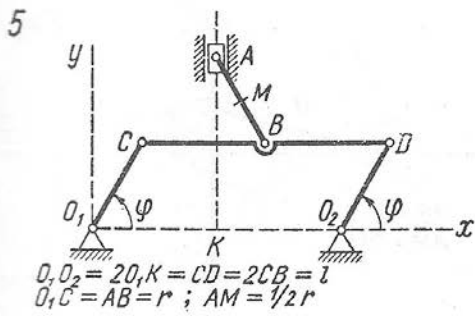
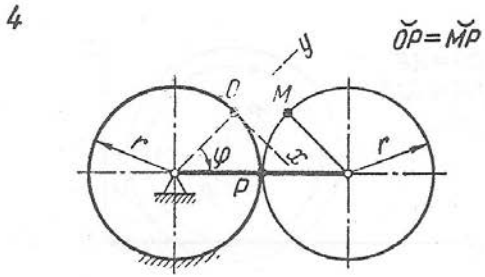
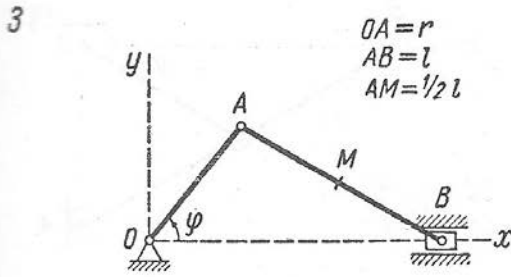
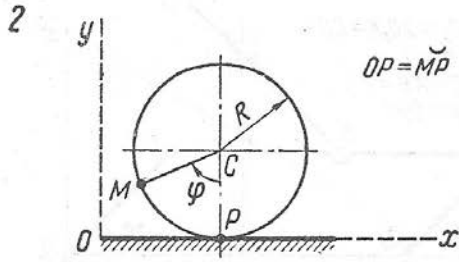
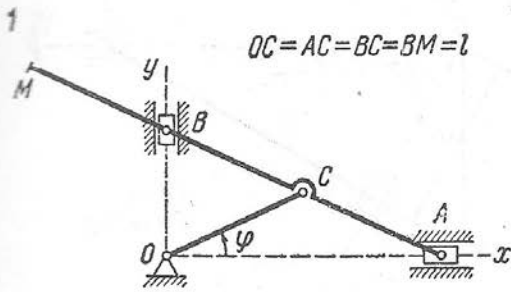


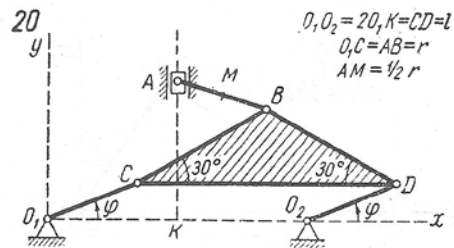
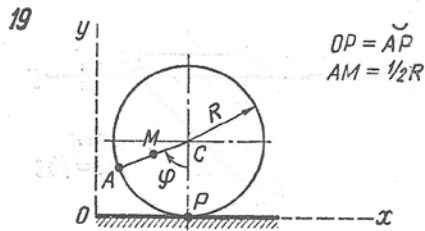
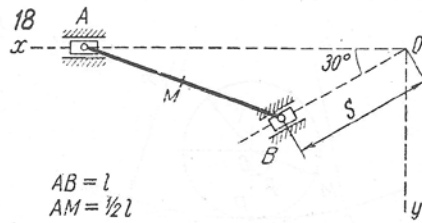
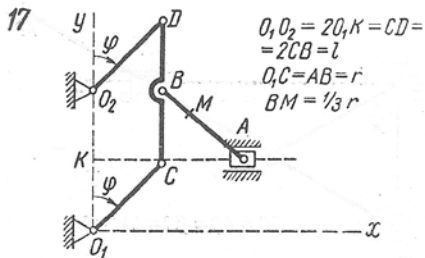
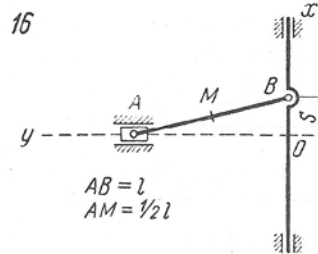
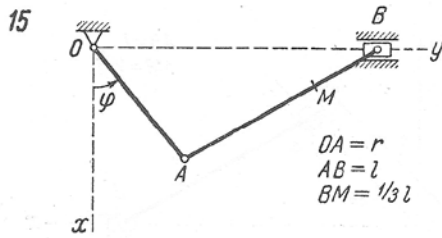
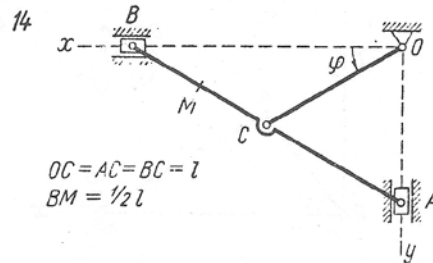
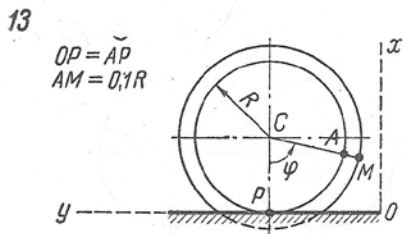
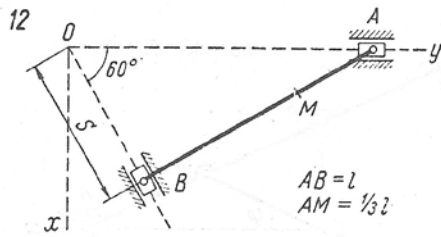
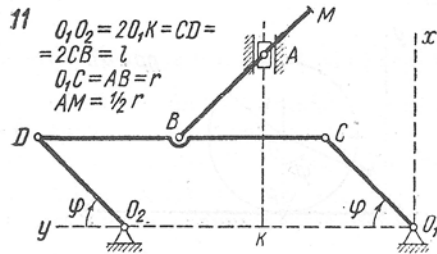
MEHANIKA II

KINEMATIKA TAČKE

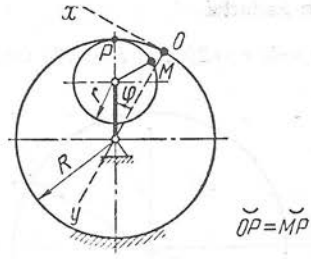
Za tačku M zadatog mehanizma postaviti jednačine kretanja, te za trenutak t_1 naći brzinu tačke, ukupno, tangencijalno i normalno ubrzanje, kao i poluprečnik zakrivljenosti putanje u pripadajućoj tački.

Varijanta (sl. K-2a, b i c)	Dimenzije elemenata mehanizma, cm			$\varphi = \varphi(t)$ radijana	$s = s(t)$, cm	t_1 , s
	l	R	r			
1	15	—	—	$2\pi t$	—	1/6
2	—	50	—	$3\pi t$	—	1/9
3	54	—	30	πt	—	1/2
4	—	—	30	$6\pi t$	—	1/12
5	40	—	15	πt	—	1/6
6	60	—	—	—	$60 \sqrt{2} \sin 2\pi t$	1/12
7	—	250	50	$5\pi t$	—	1/15
8	10	—	—	$3\pi t$	—	1/12
9	60	—	35	πt	—	1/6
10	40	—	—	—	$40 \sin \pi t$	1/4
11	60	—	24	$2\pi t$	—	1/6
12	45	—	—	—	$30 \sqrt{3} \cos \pi t$	1/3
13	—	50	—	$5\pi t$	—	1/15
14	20	—	—	$2\pi t$	—	1/12
15	60	—	40	$3\pi t$	—	1/12
16	40	—	—	—	$40 \sin 3\pi t$	1/9
17	42	—	30	$3\pi t$	—	1/12
18	40	—	—	—	$80 \sin 2\pi t$	1/6
19	—	50	—	$4\pi t$	—	1/16
20	60	—	22	$2\pi t$	—	1/6
21	—	28	12	πt	—	1/6
22	45	—	—	—	$45 \sin \pi t$	1/3
23	42	—	—	—	$42 \cos 2\pi t$	1/6
24	45	—	—	—	$45 \sqrt{2} \sin \pi t$	1/6
25	60	—	21	πt	—	1/3
26	30	—	—	—	$20 \sqrt{3} \sin 3\pi t$	1/18
27	—	23	10	$2\pi t$	—	1/8
28	—	45	30	$3\pi t$	—	1/4
29	50	—	—	—	$100 \cos 2\pi t$	1/8
30	60	—	24	$3\pi t$	—	1/12

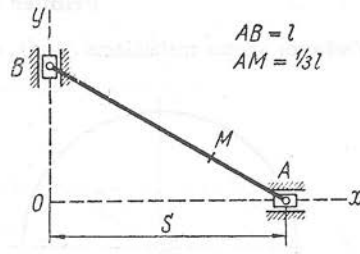




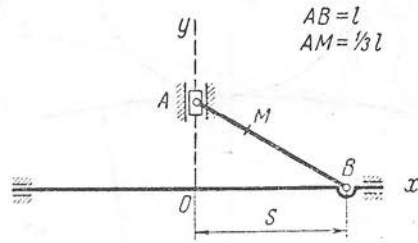
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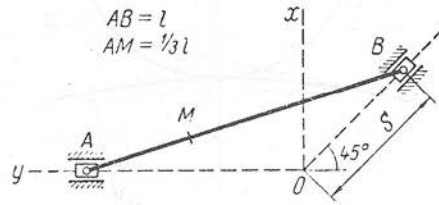
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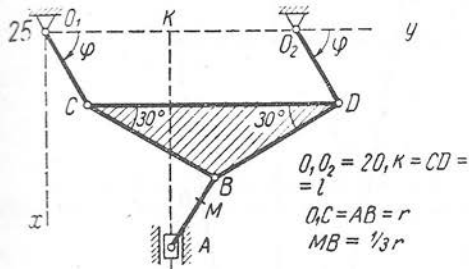
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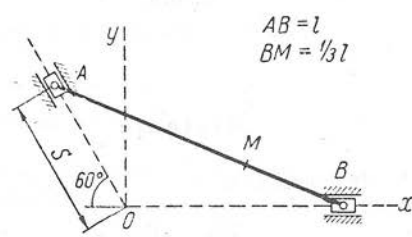
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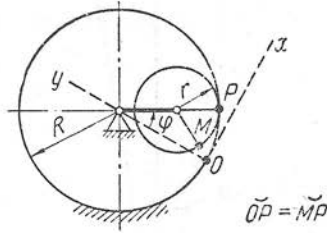
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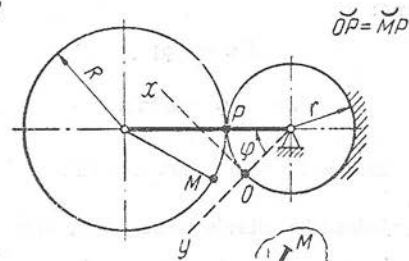
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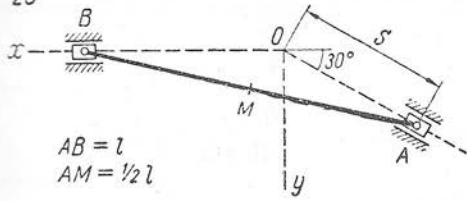
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