

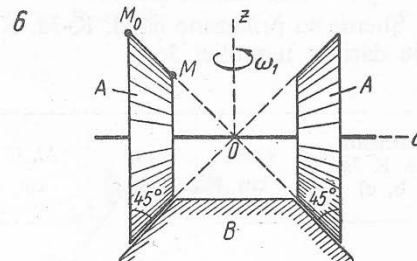
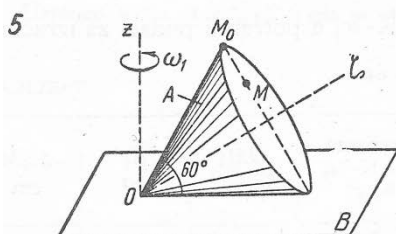
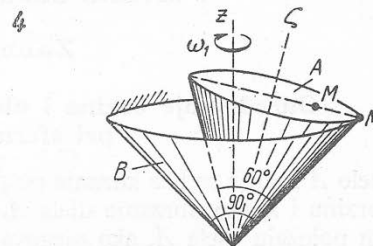
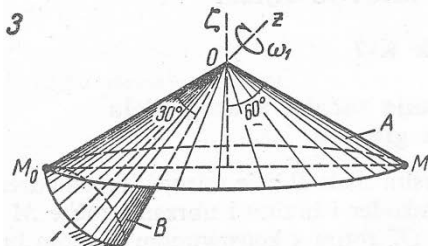
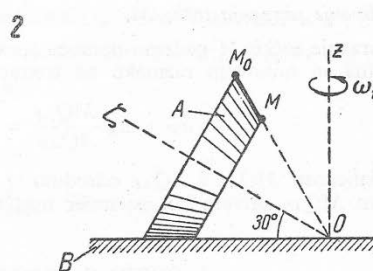
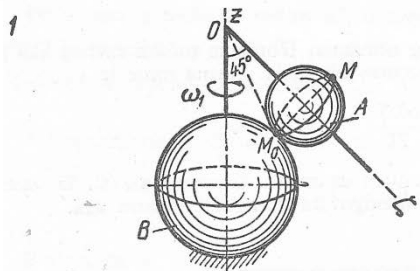
MEHANIKA 2

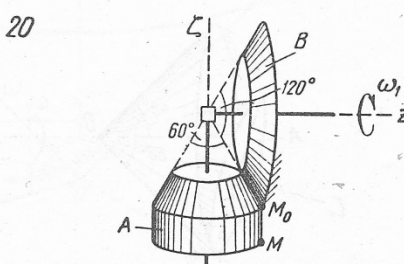
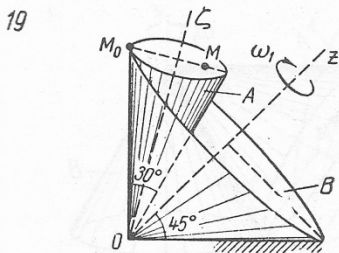
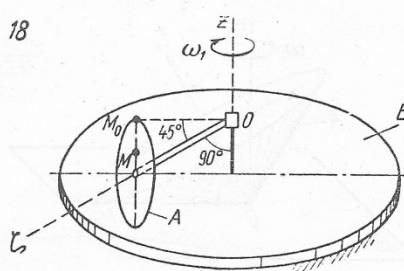
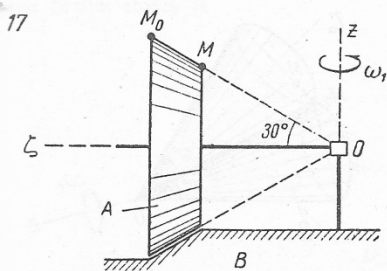
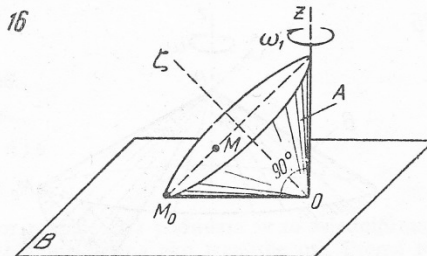
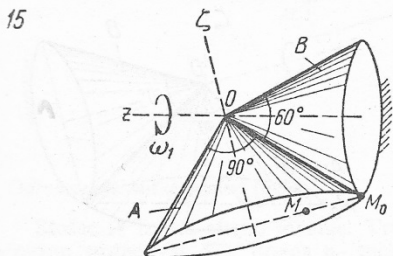
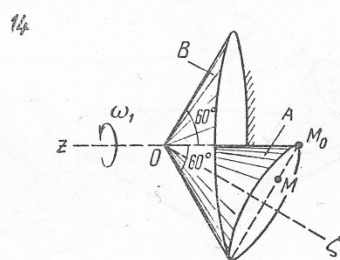
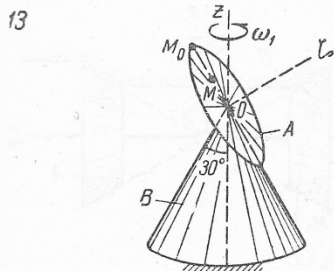
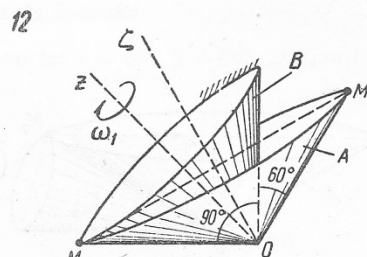
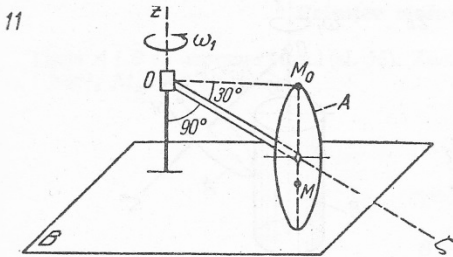
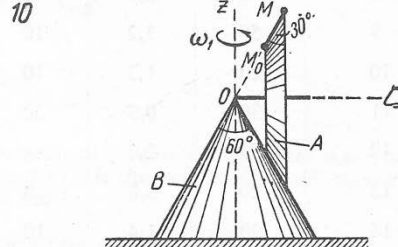
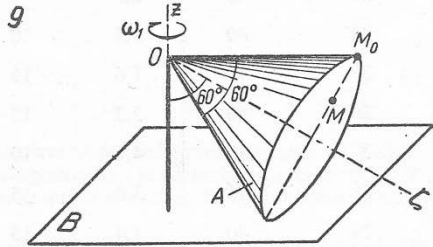
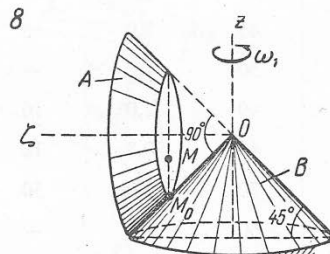
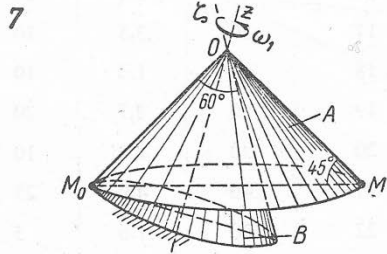
GRAFIČKI RAD BR. 3

Određivanje brzina i ubrzanja tačaka krutog tijela pri sfernom kretanju

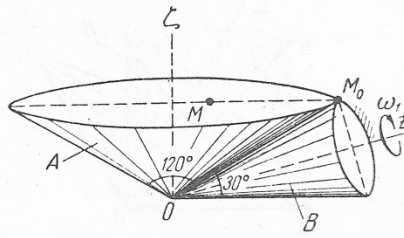
Tijelo A kotrlja se bez klizanja po površini tijela B koje miruje. Potrebno je odrediti ugaonu brzinu i ugaono ubrzanje tijela A, kao i brzinu i ubrzanje tačke M pri zadanom položaju tijela A, ako njegova sopstvena osa $O\zeta$ rotira s konstantnom ugaonom brzinom ω_1 oko nepomične ose Oz .

Varijanta (sl. K-7a, b, c)	OM_0 cm	ω_1 s^{-1}	M_0M cm	Varijanta (sl. K-7a, b, c)	OM_0 cm	ω_1 s^{-1}	M_0M cm
1	30	2,3	16	16	45	2,4	20
2	45	3,0	5	17	50	3,5	10
3	50	1,2	—	18	30	1,0	10
4	40	2,0	10	19	50	2,7	20
5	40	0,8	10	20	30	3,3	10
6	70	4,0	30	21	40	4,0	25
7	60	1,5	—	22	30	1,6	5
8	40	2,1	20	23	40	2,0	5
9	50	3,2	10	24	60	3,5	10
10	20	1,3	10	25	40	1,6	15
11	30	0,9	20	26	40	2,2	15
12	40	2,2	—	27	30	4,1	10
13	20	3,8	10	28	45	3,0	5
14	30	1,4	10	29	40	1,4	15
15	40	0,7	15	30	50	2,9	15

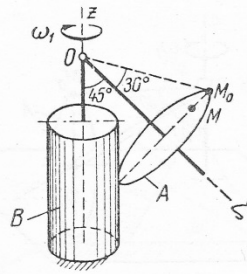




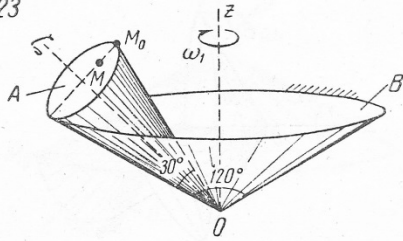
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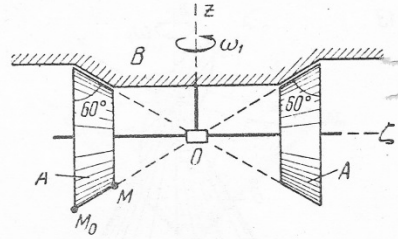
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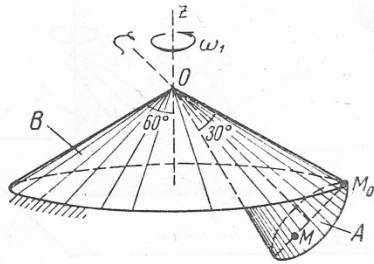
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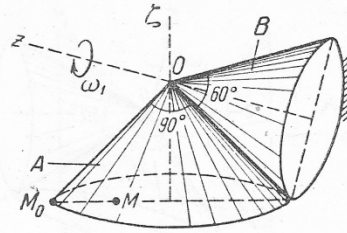
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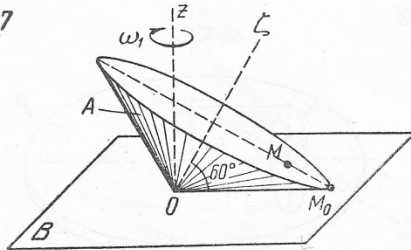
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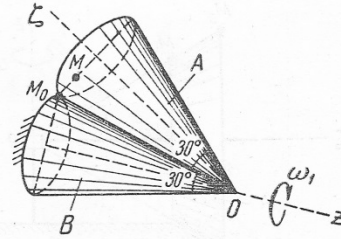
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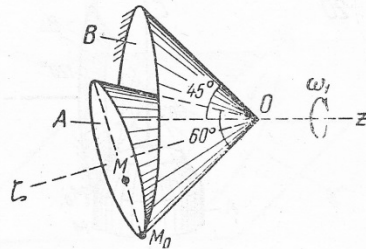
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