	MAEER'S MIT Polytechnic, Pune-38
	Depending upon the volve of coeff A.B. C.D
	empirical tormula can be used to represent
	the friction coefficient for diff road types.
	Type
	dry wet snow Rice
+	0.9 0.7 0.3 0.1
8	1.07 1.07 1.07
C	0.2773 0.5 0.1773 0.38
0	0.0026 MGINEER 0.003 0.006 0.007
713	Tuboni 3 John Mills Com Marine
5	wheel model:
	wheel speed ww is initialized integrator
	is initialized. The linear wheel speed
200	Vw is abtained by mortiplying the ongo-
	la cocal en pla wheel radius, distance
122	covered obtained by integrating linear speed
1	116 - proposed to
-03	Priction force tt
	all - angular enheel speed ww
	1,2000 00,000
	enheel distance des
7	Controller:
	bong-bong type controller, reaching on wheel slip feedback. max value of triction coel
	slip feedback max volve of triction coes
	terget i's 0.2. Slip error is the dilt between actual slip & Dtarget slip.
	actual slip & Storget slip.
	III. ACCOLL CILCHOND TOLONGICO
	production and the cotton
	9) time const is T. oilis broking tom

MAEER'S MIT Polytechnic, Pune-38 The accumulated over time by integrator. - 11p -> wheel slip st-] OIP -> Nehicle speed VV [mis] > Simulation :-- Simulation run for 20 sec and results are Stored in data inspector. - When ABS disabled braking for ave romps up to maximum value glauses slip. with ABS broking formue modulated to maintain optimal Blip ratio. when ABS desactivated wheel slip climbs to I as formable increases . When ABS is activated slip is controlled by controlling broking forable. : when ABS is deachivated wheel lock before coming to complete host with ABS active wheel is prevented from lock