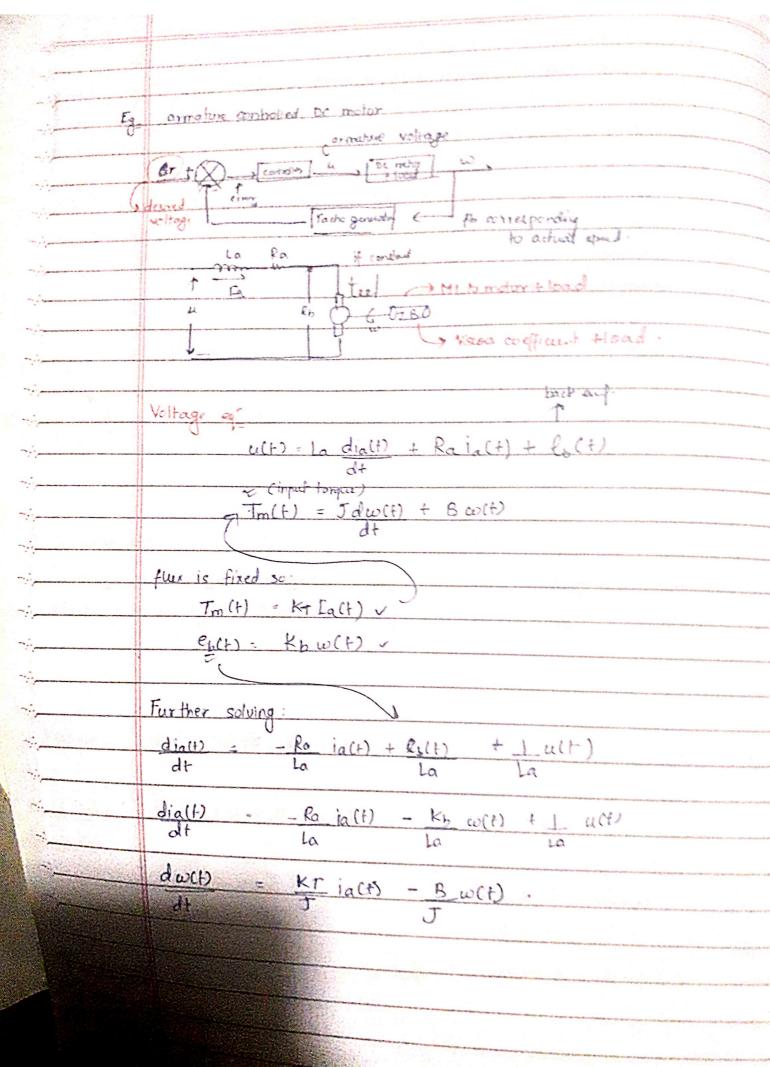
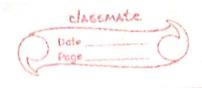
		Page
		1.
		How will the state change according to MIMO system!
		· & Now b, r, + b, r, + b, r, + b, r,
		b will be rectangular , c will also be rectangular matrie.
		$\dot{x}(t) = A \times (t) + B \times (t)$ state eqn.
		y(t) = CX(t) + Dx(t) output eq.
7	- Aprilia and -	0 m 0 m 0 m 0 m 0 m
7		A + n×n B + n×p C + q×n D + q×p constant Matrices + How
7		(write the equation) and upload
1		and upload
1		
	1	Formula for state eqn and output eqn.
		$x_1(t) = a_{11} x_1(t) + a_{12} x_2(t) + \dots + a_{1n} x_n(t) + b_{11} x_1(t) + b_{12} x_1(t) \dots b_{1n} x_n(t)$
	1000	$\dot{x}_{2}(t) = a_{21} \times_{1}(t) + a_{22} \times_{2}(t) \cdot - \cdot \cdot + a_{2n} \times_{n}(t) + b_{2n} \times_{n}(t) + b_{2n} \times_{n}(t) \cdot - \cdot \cdot b_{2n} \times_{n}(t)$
	And the second second	$\dot{x}_{3}(t) = a_{31} x_{1}(t) + g_{2} x_{2}(t) - \cdots + g_{n} x_{n}(t) + b_{31} x_{1}(t) + b_{32} x_{2}(t) - \cdots + b_{3n} x_{n}(t)$
	modeli con Commen	
	Management of the control of the con	
	-	xn(+) = an x1(1) + ano x2(+) + ann xn(+) + bn x(+) + bn x(+) bnn(ra(+))
		y(+) = c, x,(+) + (2 x2(+) Cnxn(+) + D, x,(+) + D, x,(+) Dn xn(+).
1		
1		$\dot{x}(t) = Ax(t) + Bx(t)$
4		y(f) = CX(H) + Dx(f) Manan Madan 201801C3087
-		A-nm B-nxp C-gxn D-gxp
4		ABAMA
4-		
1-		
_		





A(+) = x(+).

$$\chi(t) = A\chi(t) + bu(t)$$

y(+) = cx(+) - most of the system's coill have

as there is no direct dependence of output on inputs

Manan