Cam Oslova

	and the same of th
	The right way to do this
	calculation is
200	Cu=(LwtLt)
	95 9.5w
	all I all a large as a large to Mand
	All diominsionless coefficients Need
L. 2	to be Normalized using 9,5, c, bret
	Rotating AC's
	Traja assuma these
	Cm = Cm assume these Cm = Cm are "expressed" in Cn the wind axis
	Ca the wind axis
	In simulation we need these moments
*	in the body axis
	Wrong: -w
	Em = Copu (d, B) Cm
- t	The state of the s
	This wrong because the rotation matrix must be applied to a vector
	matrix must be applied to a vector
	The nght way to do this: 1) Dimensionalize coefficients
	1) Dimensionalize coefficients
	W - Comment of the second of t
	Mnet [Cliqis-bret]
	Cm·q·S·T
	Mpet Cliqis-bret Cm.q.s.c Cn.q.s.bret
	The second secon
	2) Apply Rotation Matrix

2) Apply Rotation Mnet = Cp/w (d, B) Mnet 3) Renormaliza = Mnet(1)
qSbret $C_{M} = \frac{M_{\text{net}}(2)}{q_{1}s_{\overline{c}}}$ Cn = Mnet (3) 9,5 bref Overall, this information comes more into play when receiving data about an aircraft, we will be calculating this information so we will know how the data has been Normalized, but this is still vastly important 10 Unow-