

ma	0x 5x mi/ 5y = 0 0 < [0, [7]		
Daloei un	uss beachtet weden, dass	wahrend des Wurfer	
Sy	y ≥0 getten mass.		
		Fw, x = Cw. A. 2.	
Sy = Voiy · t	$\frac{2}{2} - \left(\frac{g \cdot m + r u_{,Y}}{2m}\right) t^2$	Fwiy = Cw · A· 2.	Vy
Sx = Vox · t	Beschierbung	nichtlineare D	; forechalg (eichung o
	29·m + Cw · A · 5 y(t) 2 · £ 2		
$S_{y} = V_{\sigma_{i}y} \cdot 1$	$ \xi - \frac{8}{2} \xi^2 - \frac{Cw \cdot A \cdot \tilde{s}_r(\xi)}{9m} $	2 62	
Vo, x	and vory sind Komp	onerten von To.	
Pabii	$ \vec{v}_0  _2 =  \vec{v}_0  _2 = $	> Ausgangsvariable	
ReCation	von Voix Voiy und Co:		
	1100,x112= cos 0 · 111/0112		
	11 Voryllz = sin @ · 11vollz		
$S_{\times} = COSE$	9 · 11 vo 11, · t - Cw · A	$-\cdot t^2 \dot{s}_{x}(t)$	
	(5(x) - 1 a(x) a(x)		
Sx (E) - COS 0 111	Vollz . E = - Cw. A { 2	- Š <sub>K</sub> (t)	
	7 241		

$$S_{y}(\ell) = S_{1} \times \theta | llu_{2} ll_{1} + \frac{3}{2} \ell^{2} - \frac{c_{w} A \cdot \ell^{2}}{4m} S_{y}(\ell)$$

$$-\frac{c_{w} A \cdot \ell^{2}}{4m} S_{y}(\ell) = S_{y}(\ell) + \frac{3}{2} \ell^{2} - S_{w} \theta | llu_{y} ll_{2}$$

$$S_{x}(\ell) = -\frac{c_{w}}{c_{y} A \cdot \ell^{2}} S_{x}(\ell)^{2} + \frac{4 c_{w} S \theta | llu_{y} ll_{y} m}{c_{w} A \cdot \ell}$$

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$$S_{y}(\ell) = -\frac{c_{w}}{c_{w} A \cdot \ell^{2}} S_{x}(\ell)^{2} - \frac{2 c_{w} A}{c_{w} A \cdot \ell^{2}}$$

$$S_{y}(\ell) = -\frac{c_{w}}{c_{w} A \cdot \ell^{2}} S_{y}(\ell)^{2} - \frac{2 c_{w}}{c_{w} A \cdot \ell^{2}} A \cdot \frac{c_{w} M \cdot \ell^{2}}{c_{w} A \cdot \ell^{2}}$$