

	Joseph Specht jspecht3
3 0	HW#6-cond p bound in table B.1
9	εF2= Vp(-v1)A1+ V2p(v2)A2+V3p(v3 <020)A3
<u>.</u>	= P(-V,2A, + V,2A2 + V,3 10> (0)A3)
3	= (1.94 rags/gs) [-(18.672 qs)2 (#(50)) + (11.45 9)ps)2 (#(361)
	+ (12.83A gps)2(# (+ gt))cos(450)
	$F_{2}+P_{1}A_{1}-P_{2}A_{2}-P_{3}A_{3}(\cos\theta)=-25.741 \text{ les}$ $F_{2}=-25.741-P_{1}A_{1}+P_{2}A_{2}+P_{3}A_{3}\cos(45)=(25.741+180.00)$
	Fr = 154.259 Des 2
	5Fy = v3 p (25 sin(45)) A3 = 2320 sin(45) A3 = 11.09 els
	Fz-P3Azsin(0) = 11.09 => Fz=11.09+167.44
	Fz=178.53 els ĝ
5.5	
	FA= 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	FA=-V,2pA, +2-52pcos0A2
	Lito Vi= Vz= V3, 50 => Fa = V, 20 (-A, +(2 A) cos (60°) Li A, Vi = A2M, + A3M => A, = ZAz = ZA3
	$F_a = v_1^2 \rho A_1 \left(-1 + \frac{1}{2}\right) = -v_1^2 \rho A_1 = -2F_a = v_1^2$ $\rho A_1$

	Joseph Speckt	
	Jspecht3	
	HWK6-conto p from totale B.3	10 10 10 10 10 10 10 10 10 10 10 10 10 1
		0
		-
	$(2.329e-3)(\frac{\pi}{4}(\frac{1}{2})^2)$	
		1
9	$\Delta = A_1 v_1 = v_1 \left( \frac{\pi}{4} \left( \frac{1}{2} \right)^2 \right)$	
	2=29.036 86%	
5.70)	10, tool whole	
5.5a)	0=49 = = = = = = = = = = = = = = = = = =	
Ps	0=1" cs	
	-> V=100 Gps - ) 12x	
	T-===== PA, +2v2 pA2 cox (45°)	
2	and the second s	
	V1=V2=V3-120 2=V1A,=V2A2+V3A3 =>A,=ZA2	
	-F== v,2pA, (-1+ w(45)) = (12/2+1)v,2pA,	
	-Fr = (\frac{\sqrt{2}/2+1}{12}) (100 8ps)2 (1.936 \frac{100}{600}) (\frac{\pi}{2} (\frac{12}{12})^2) = 180.258 100	
	(12/)	
	Fx =-180.257 les 2	
2	same procedure, ent use v= v; -10 fps= 90 fps	
	guelling, sur less of 1 10 ops	
2	$-F_{z} = \left(\sqrt{2}/2 + 1\right) \sqrt{R^2} \rho A_1$	
	120 (1211) 08 (11)	
	Fx=-146.009 fps 2	
	12-110.00 FDS 2	
	(New to the first of the first	
		1
	Professional Conference of Profession (Conference of Conference of Confe	1
		1



