Exeme 18/2/2015 Problème 1 8 penti (a) $\frac{8.7.6.5.4}{17.16.15.14.13}$ b) $\frac{9.8.7.6.5}{17.16.15.14.13}$ $\begin{pmatrix} 17 \\ 14 \end{pmatrix}$ d) 4:14 17:16:15:14 Problème 2 8 junti ce) Vevento vince mantenerdo la salta latta P(V) = P(VIA) P(A) + P(VIB) P(B) Con A evento l'auto sitrova detro le 2 10re rimanenti B complenenture P(V) = 0.2 + 1.1 = 135) VI evento vince combiendo zorta 10(V1) - P(V1A) P(A) + P(V1B) 1°(B)=1.2 +0.1=2 Moblema 3 10 runti P(d, 5) = P { H=e, F=5}, Fi V.A. Che Contre il nodi Pigli P(0,0)=0.15, P(1,0)=PEH=1, F=03=PEH=1, F=0 | F=13 | EF=13 = 1.0.2=0.1= P(0,1)= PEH=0, F=13 P(2,0)=P(0,1)=PEM=1,F=0}=1/EM=2,F=0/Fi=23/EFi=23=

 $=0.35 \cdot 1.1 = 0.0875$ P(3(0) = P(0,3) = P(1-3) = P(1-3

 $2(4,1) = P\{H=1, F=1\} = P\{H=1, F=1 | F_{1}=2\} | P\{F_{1}=2\} = 0.35 (1-\frac{1}{4}-\frac{1}{4}) = 0.35 (1-Probability dievere 2 Maxhi-le probability dievere 2 Femmine)

<math display="block">P(4,1) = P\{H=1, F=1\} = P\{H=2, F=1\} = P\{H=2, F=1 | F_{1}=3\} | P\{F_{1}=3\} = 0.3 \cdot (\frac{1}{2})^{3} \cdot 3$ $= 0.3 \cdot (\frac{1}{2})^{3} \cdot 3$

13	0	1	2	3		PEM=13
0	0.15	0.1	0.087	5 0	.0375	0.3750
1	0.1	0,17	5 0.11	25	0	0.3875
2	0.0875	0,112	LJ C		0	0.2
3	0.0375	0	C)	0	0.0375
PEF=3	0.375	0.3	875 C), _	0.0375	