

- 1.2.1** (a) $E_1 = \{V\heartsuit\}$, $E_2 = \emptyset$, $E_3 = \{V\heartsuit, V\spadesuit\}$, $E_4 = \{V\clubsuit\}$, $E_5 = \{A\spadesuit\}$
(b) $G_1 = A \cap B$, $G_2 = A \cap D$, $G_3 = A^* \cap E^*$, $G_4 = A^* \cap E^* \cap D$,
 $G_5 = D^* \cap B^* \cap E \cap F$.
(c) A et E sont incompatibles.

- 2.2.2** (a) $P(\text{"rouge"}) = 2/6$, $P(\text{"bleu"}) = 1/6$, $P(\text{"blanc"}) = 3/6$
(b) $P(E_1) = 3/6$, $P(E_2) = 4/6$, $P(E_3) = 3/6$, $P(E_4) = 5/6$

2.3.6 0.2396

2.2.9 0.4706

- 2.2.13** sans remise : (a) 0,0088 (b) 0,9912 (c) 0,9912 (d) 0,5321 (e) 0,4025
avec remise : (a) 0,0156 (b) 0,9844 (c) 0,9844 (d) 0,5625 (e) 0,4285

- 2.2.16** (a) 0.9 (b)(i) 0.667 (ii) 0.167 (c) 0.286