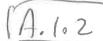
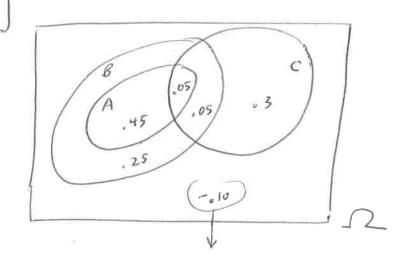
Hw#1 Additional problems

$$An(B^{c}\cup C) = A(B^{c}\cup C).$$



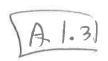


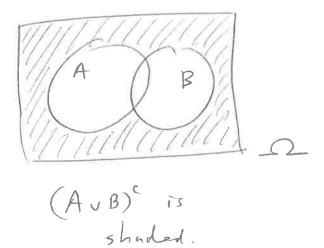
If the assignment of problem there each of the events were given as in the problem statement then they would imply

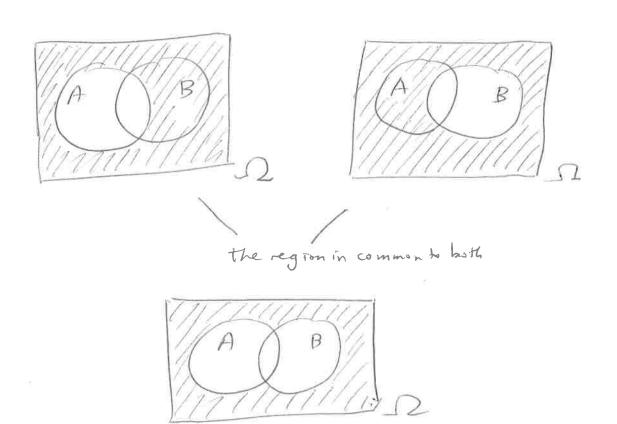
P((Bvc)) < 0 which violates the honnegativity axiom of a probability law.

Thus, the speculators assignment of probability are

not consistent with that of a probability Law!







the Henn diagrams show the Events (AUB) and A'nB' and A'nB' are logically equivalents