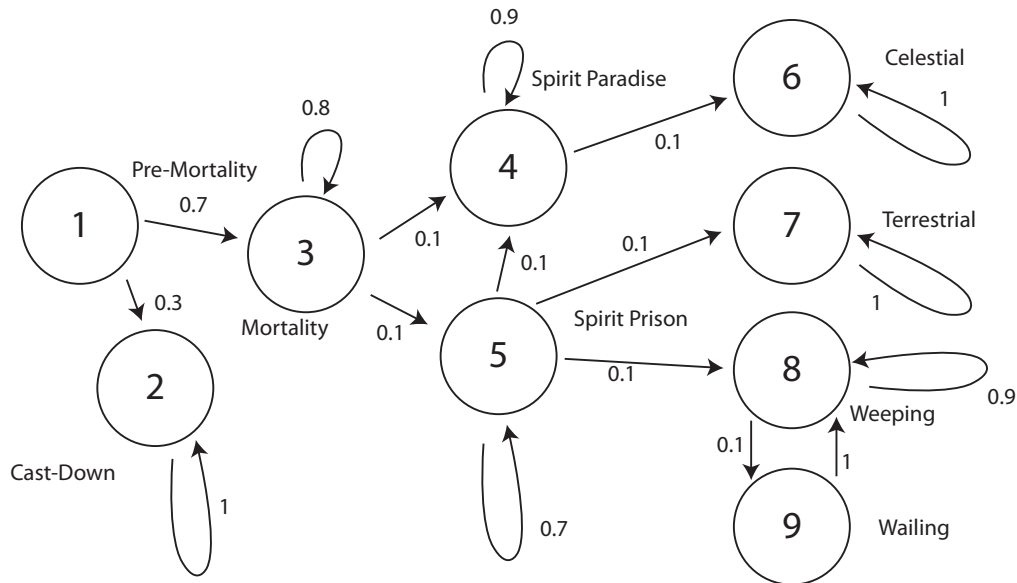


ECEn 370

Quiz 13 (The Last One!)

Friday, April 9, 2010.



- The above Markov chain represents our progression through life with particular transition probabilities.
 - How many accessible states are there from state 1?
 - How many accessible states are there from state 9?
 - How many recurrent states are there?
 - How many transient states are there?
 - How many recurrent classes are there?
- Given that you are in the Weeping/Wailing class, what is the probability that at any time you are Weeping?
- Given that a person is in mortality, what is the probability they end up in the terrestrial class?