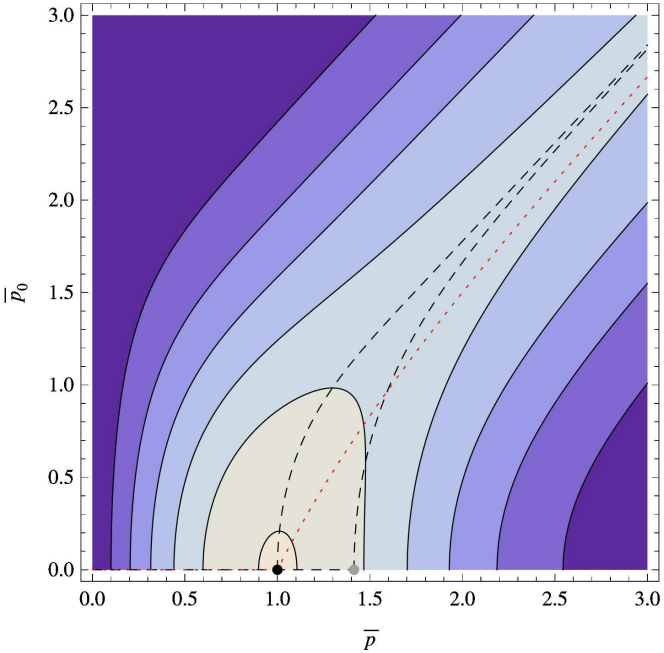
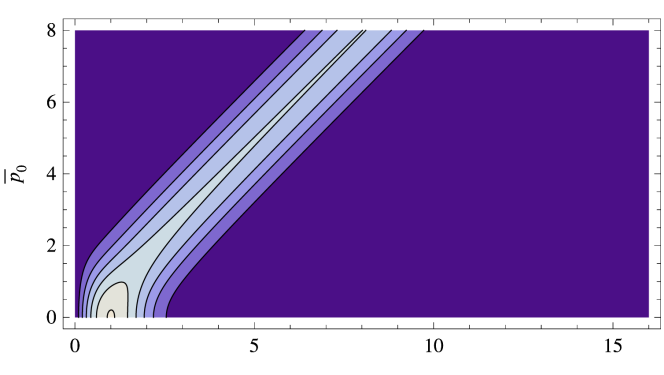


(a) A view of the Rice distribution near the origin. The value of σ is mostly irrelevant so long as $1/\sigma$ is at least 3 such that the domain plotted is valid. For instance, it may be taken to be 100 for comparison with later figures. The meaning of the dashed and dotted curves and the dots is discussed in the text.



(b) A view of the Rice distribution for the full domain of $\overline{p}_0$ when $\sigma = 1/8$. Notice that the linear-like band that develops persists to the maximum value of $\overline{p}_0$, which is 8 in this case. This is different than the behavior of the posterior distribution as will be seen.