

# Random Sampling module for a drifting Maxwell-Juttner Distribution

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## 1 2D Contour plots of $f$

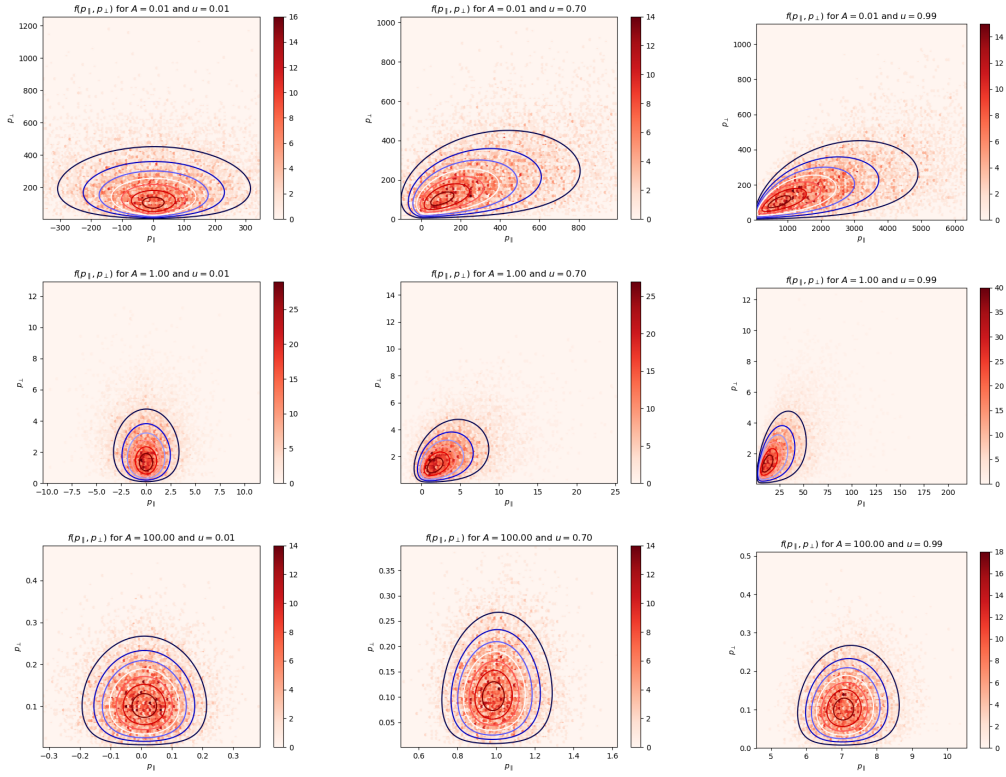


Figure 1: Density plots of the generated histogram from  $f$  with contours of the analytically predicted distribution overlaid. From each plot, we see that the generated datapoints match the analytic function exactly