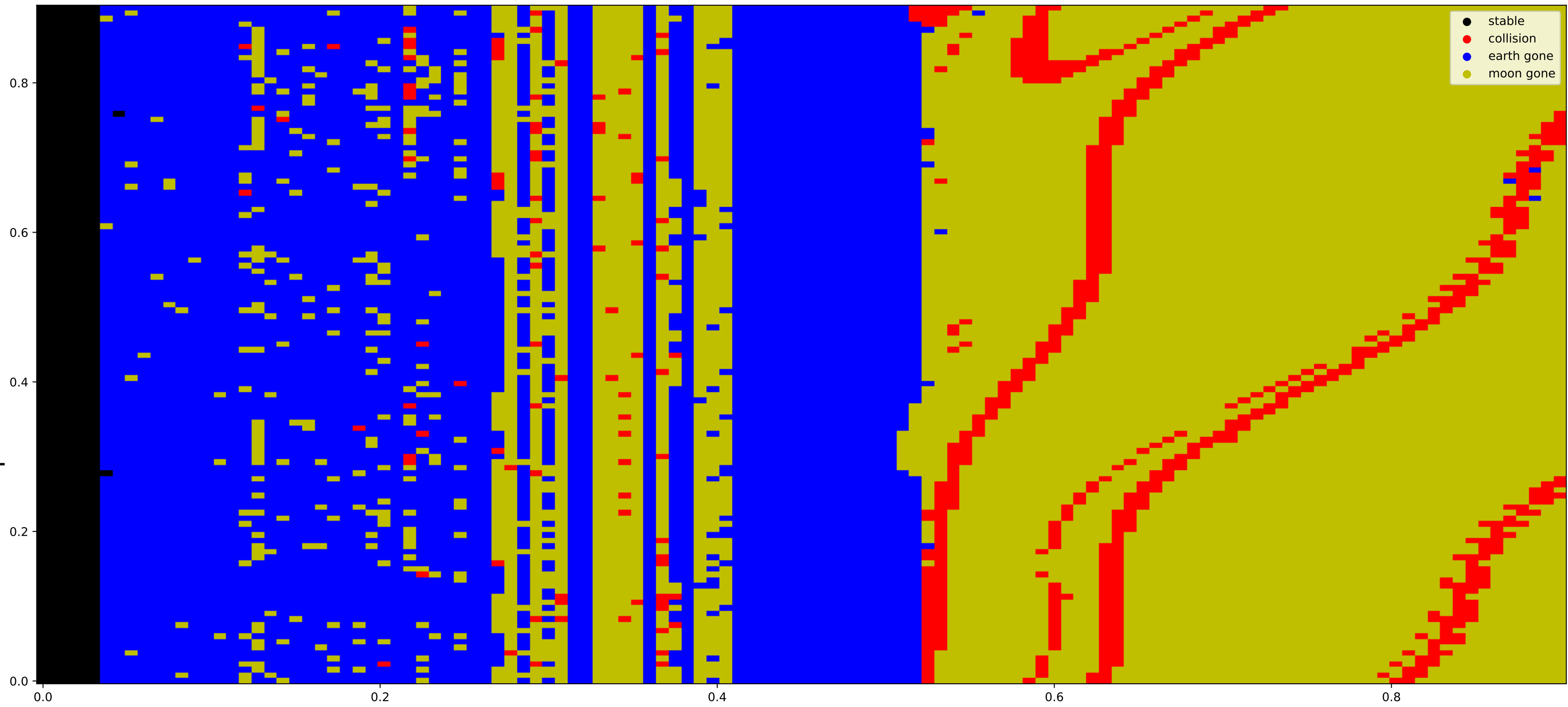


phase of the moon



eccentricity of binary