Introduction

Although a hitter might expect a model of the bat-baseball collision to yield insight into how the bat breaks, how the bat imparts spin on the ball, how best to swing the bat, and so on, we model only the sweet spot.

There are at least two notions of where the sweet spot should bean impact location on the bat that either itemize

m inimizes the discomfort to the hands, or

m aximizes the outgoing velocity of the ball.