16.512, Rocket Propulsion Prof. Manuel Martinez-Sanchez

Lecture 21: Liquid Motors: Injection and Mixing

This is a very complex issue, which continues to receive a great deal to research attention, due to its importance for:

- (a) Performance, and
- (b) Stability of combustion.

The single-droplet models of the previous lecture only begin to scratch the surface of this problem. A recent review by Sirignano is included and recommended for reading in order to appreciate the current state of this topic.