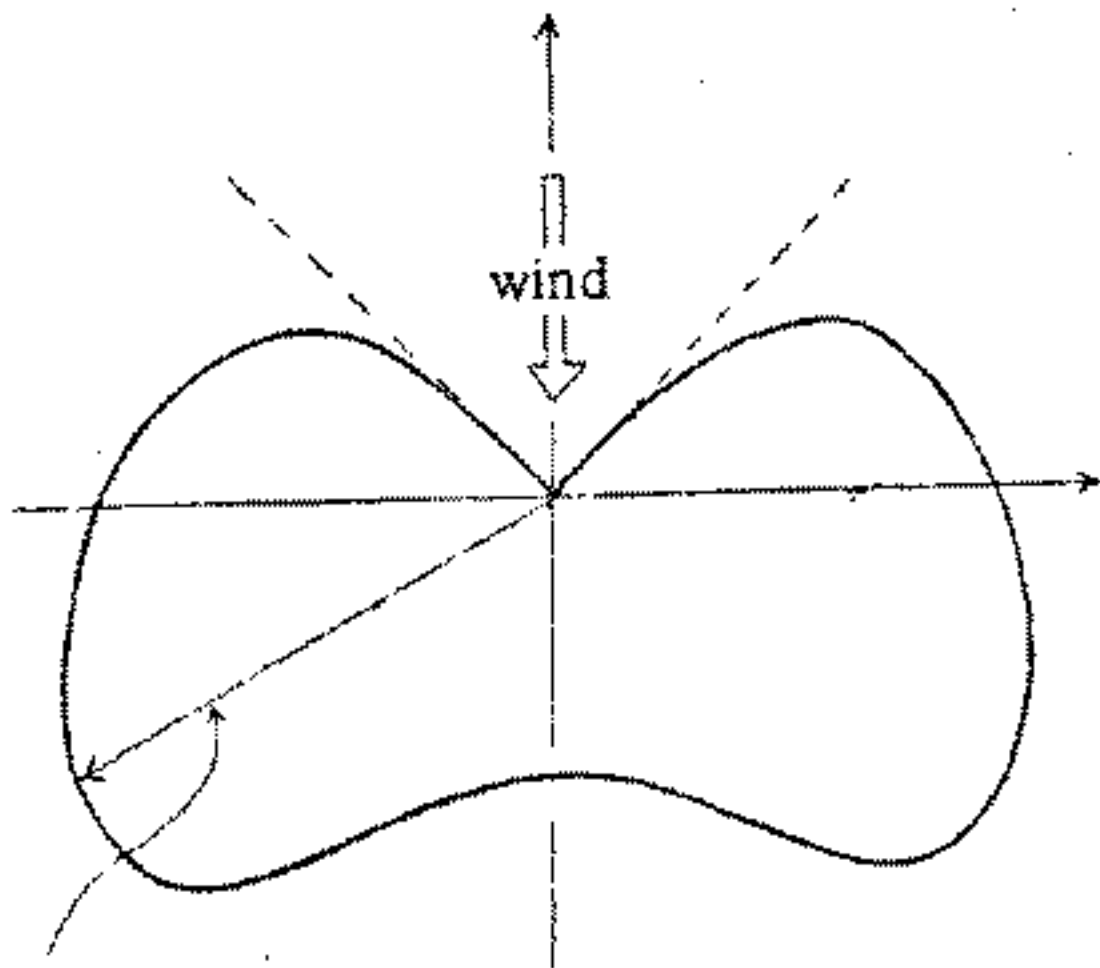


velocity profile of sailboat



length of vector

gives velocity in that direction