

# ICE: FEARLESS FELIX

Maths 21a, 2004

Felix Baumgartner is the first man, who traversed the Aermelkanal between England and France by "free fall". Equipped with special wings, he jumped out of an aeroplane over Dover and landed 10 minutes later at the French beach near Calais.

The coordinates of the point leaving the areoplane is  $D = (0, 0, 9000)$ , and the coordinates of lading point is  $C = (35'000, 0, 0)$ . To find the decent angle of the stuntman, compute the angle between the vector  $CD$  and the direction vector  $\vec{v} = (1, 0, 0)$  connecting Dover with Calay.

