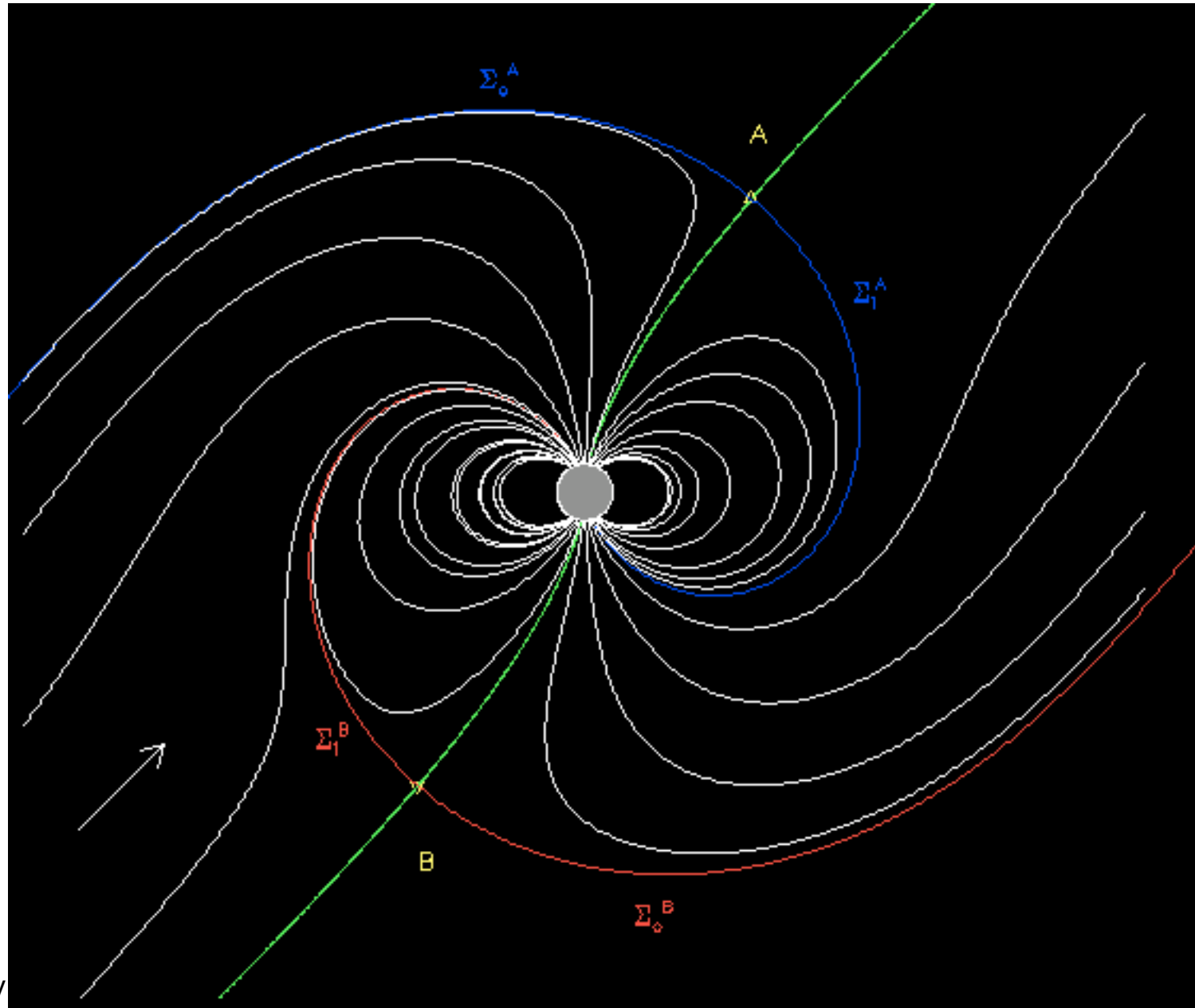


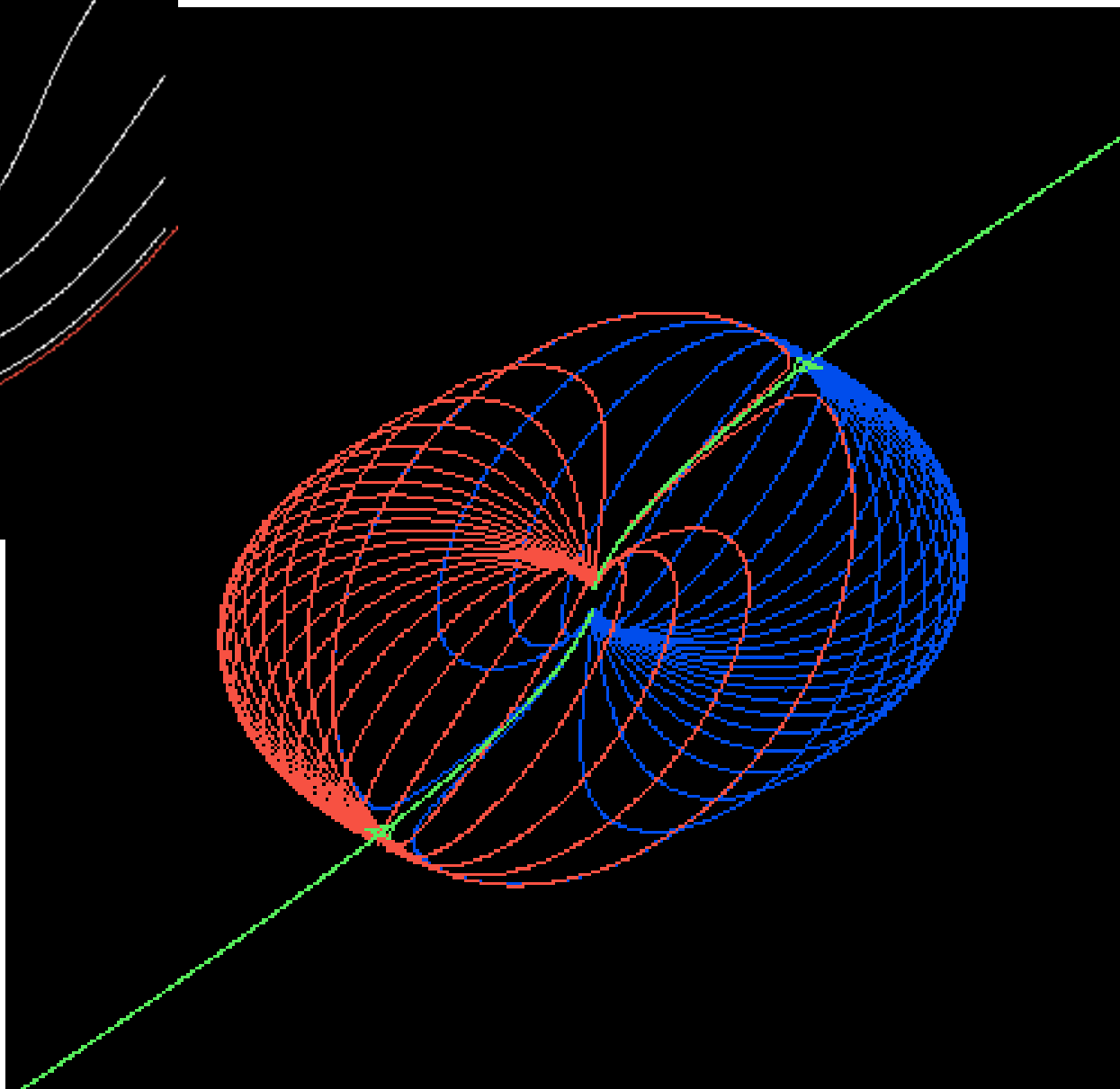
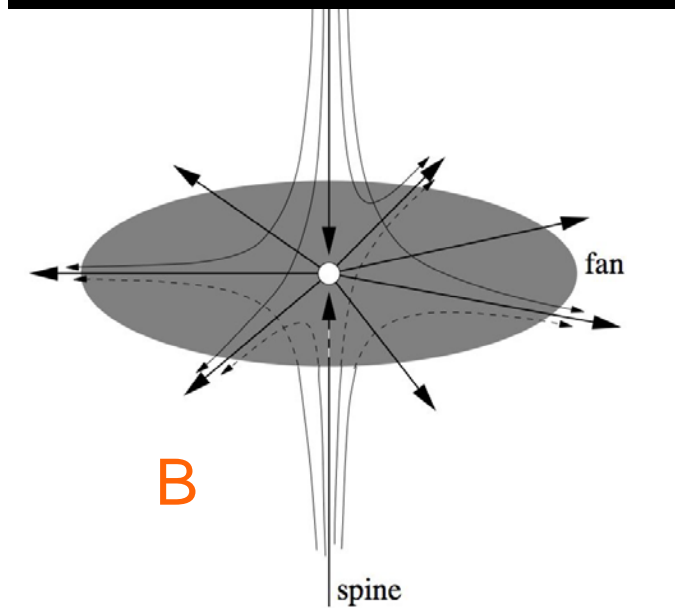
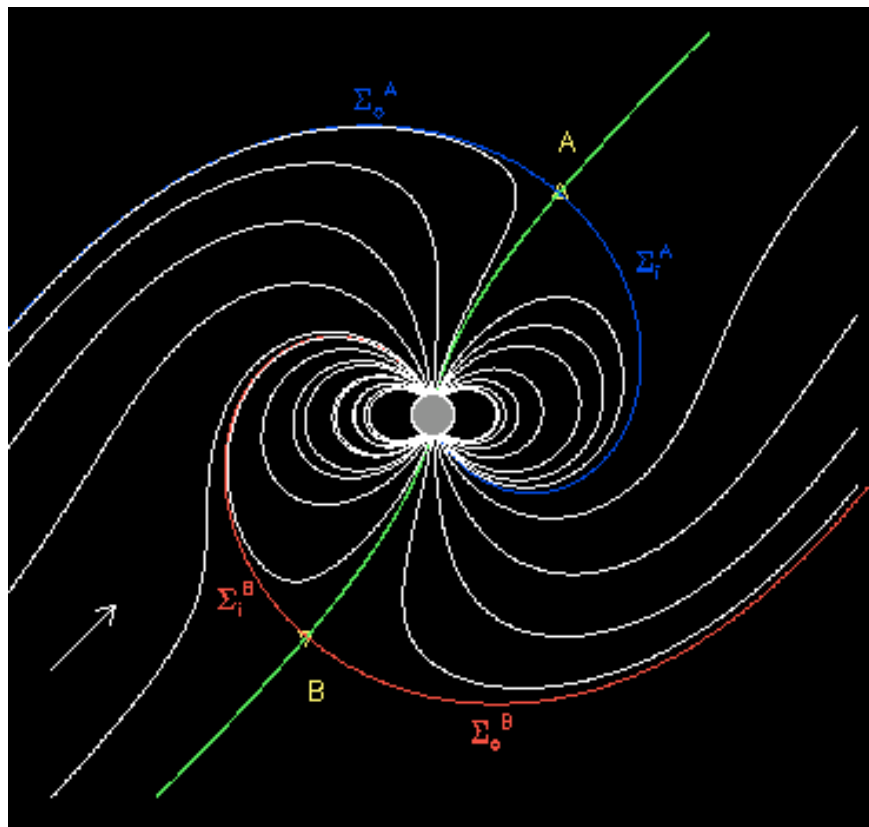
Magnetic Topology

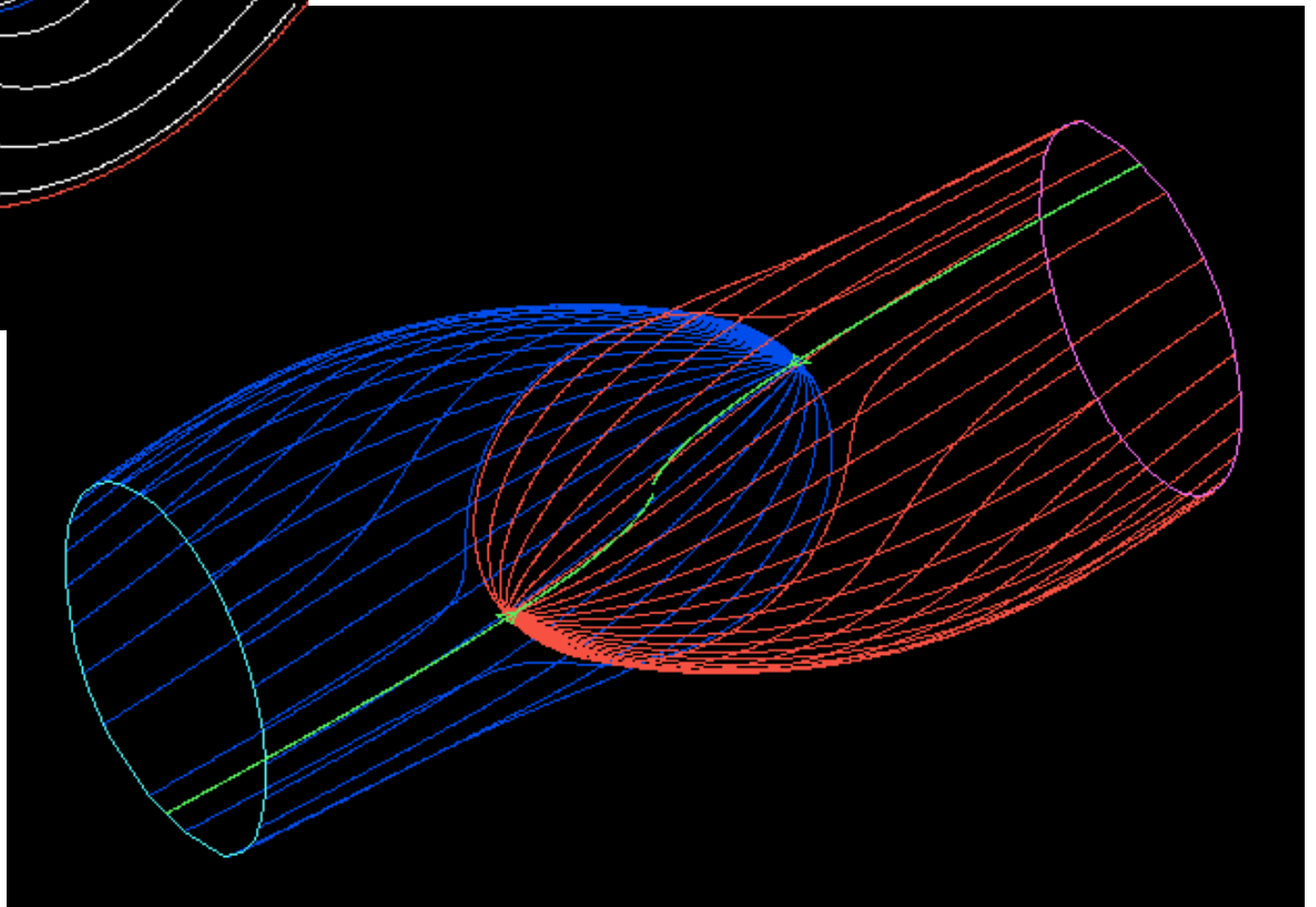
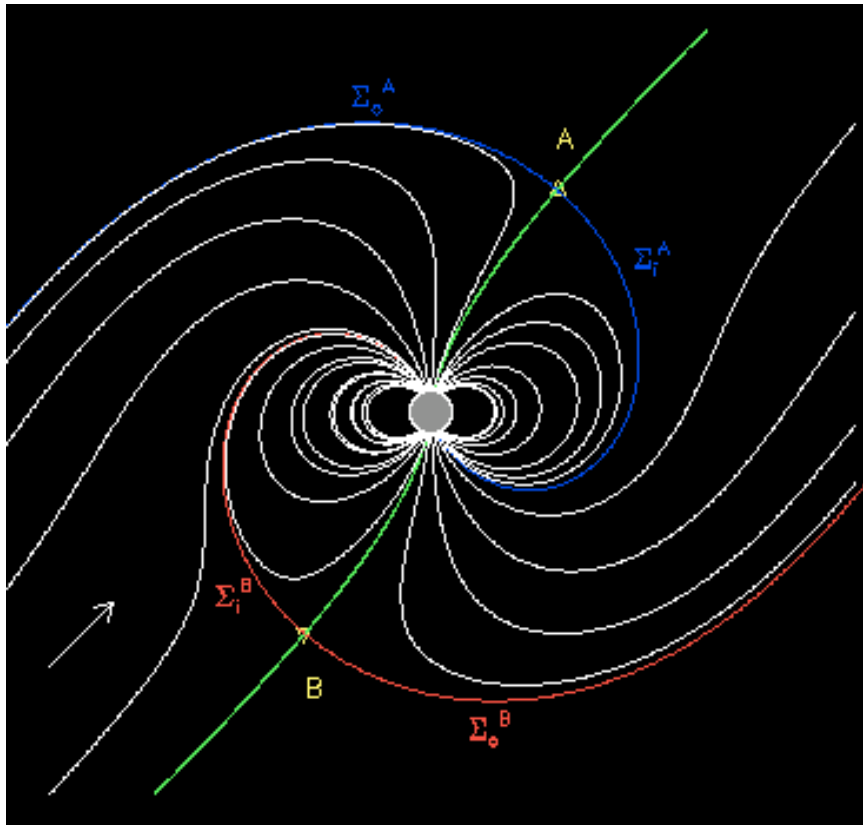
Dana Longcope
Montana State University

July 31, 2007



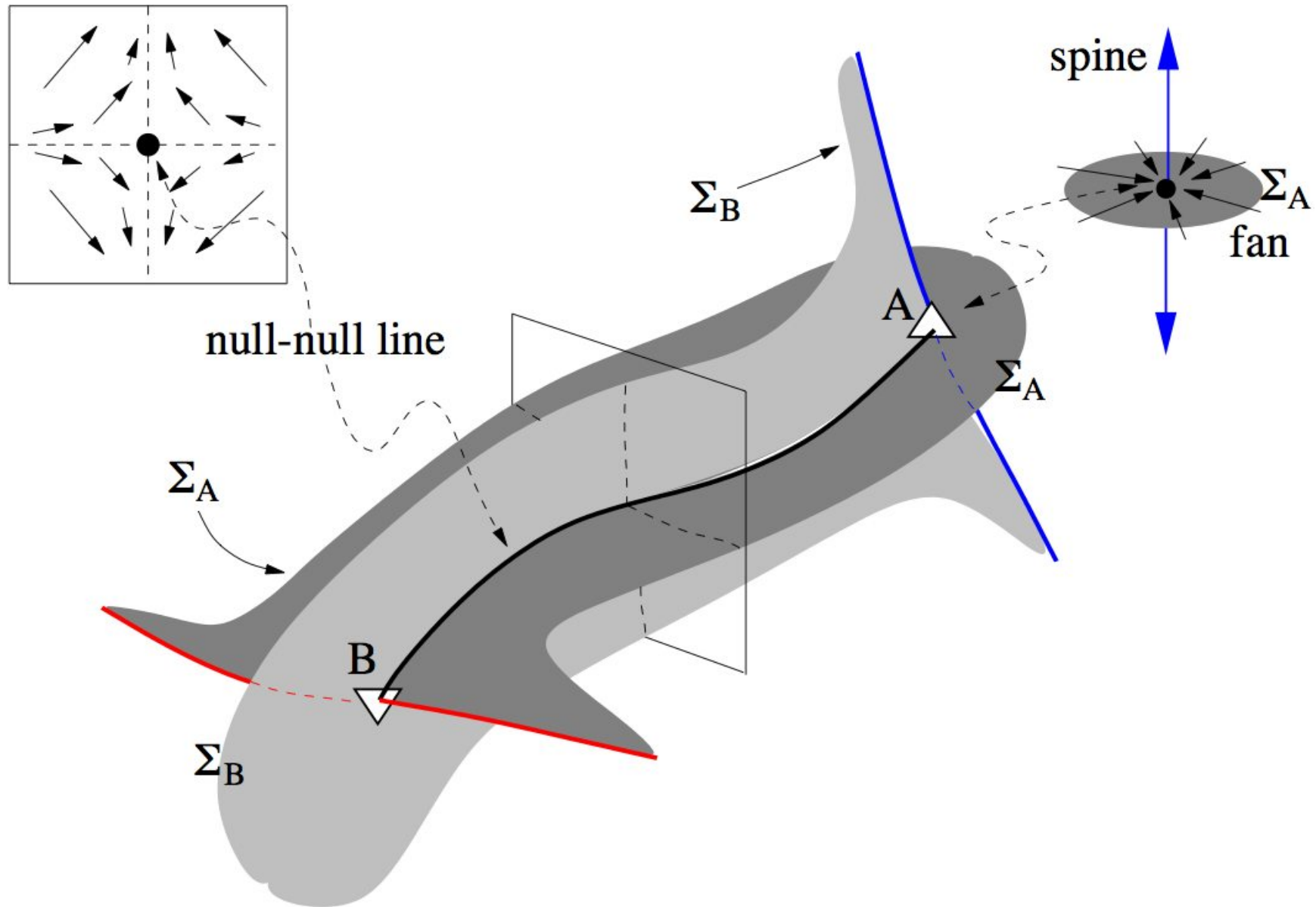
July

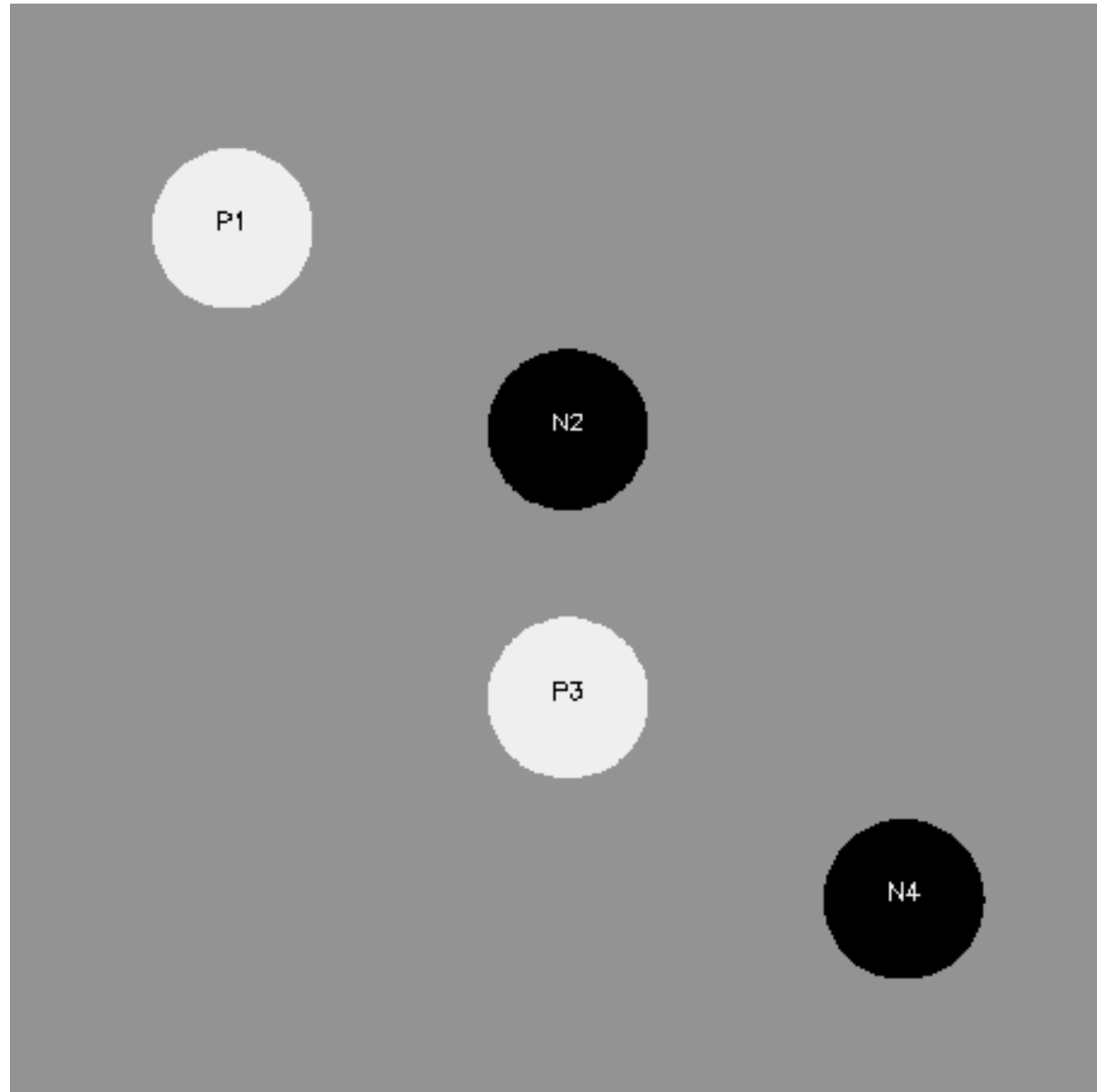




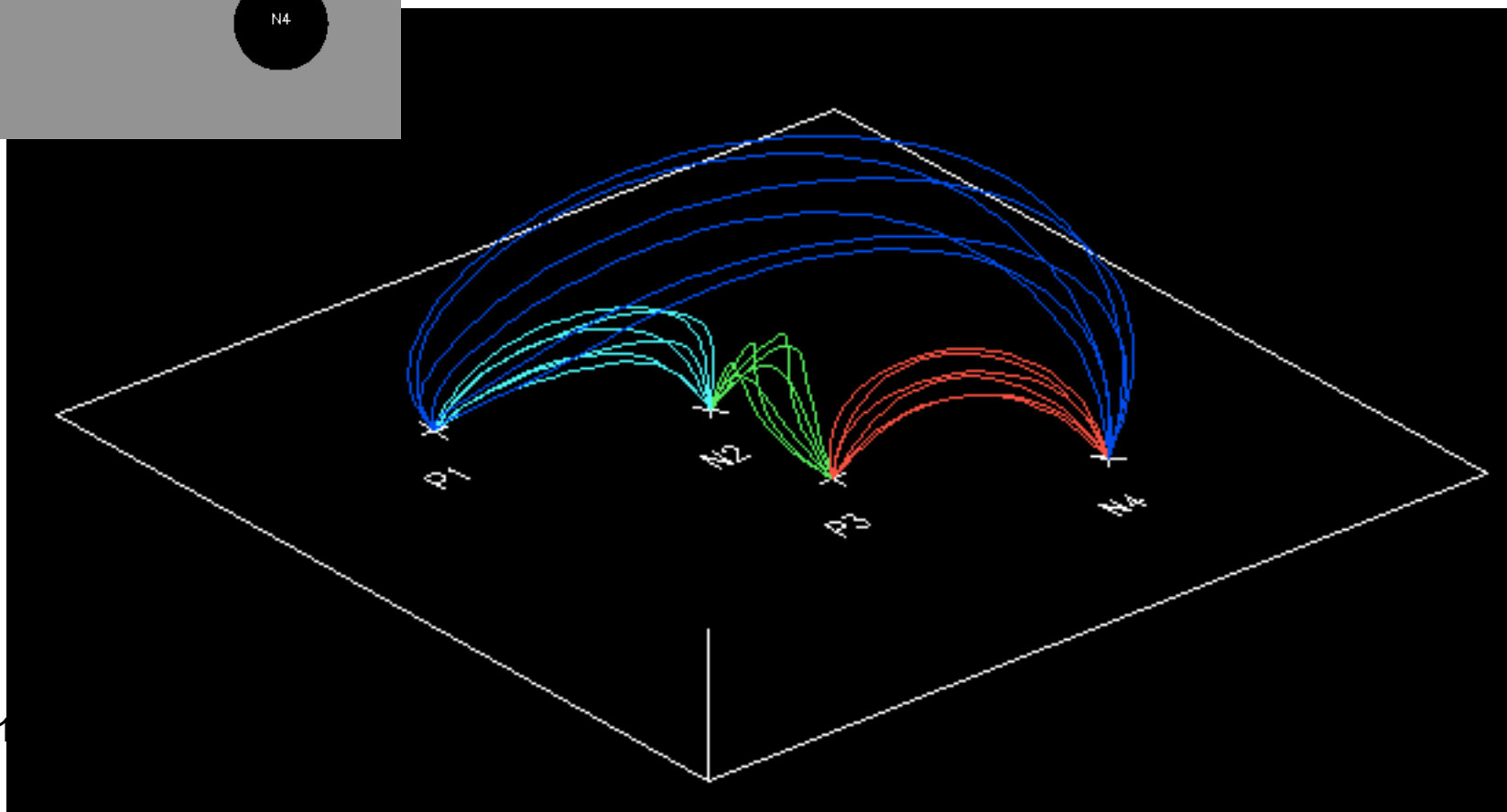
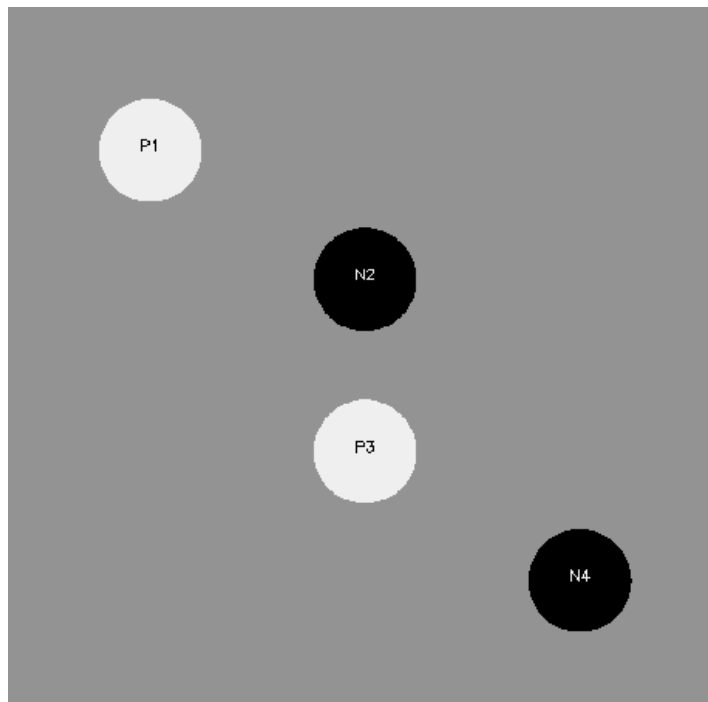
July 31, 2007

Fans & Null-Null Lines

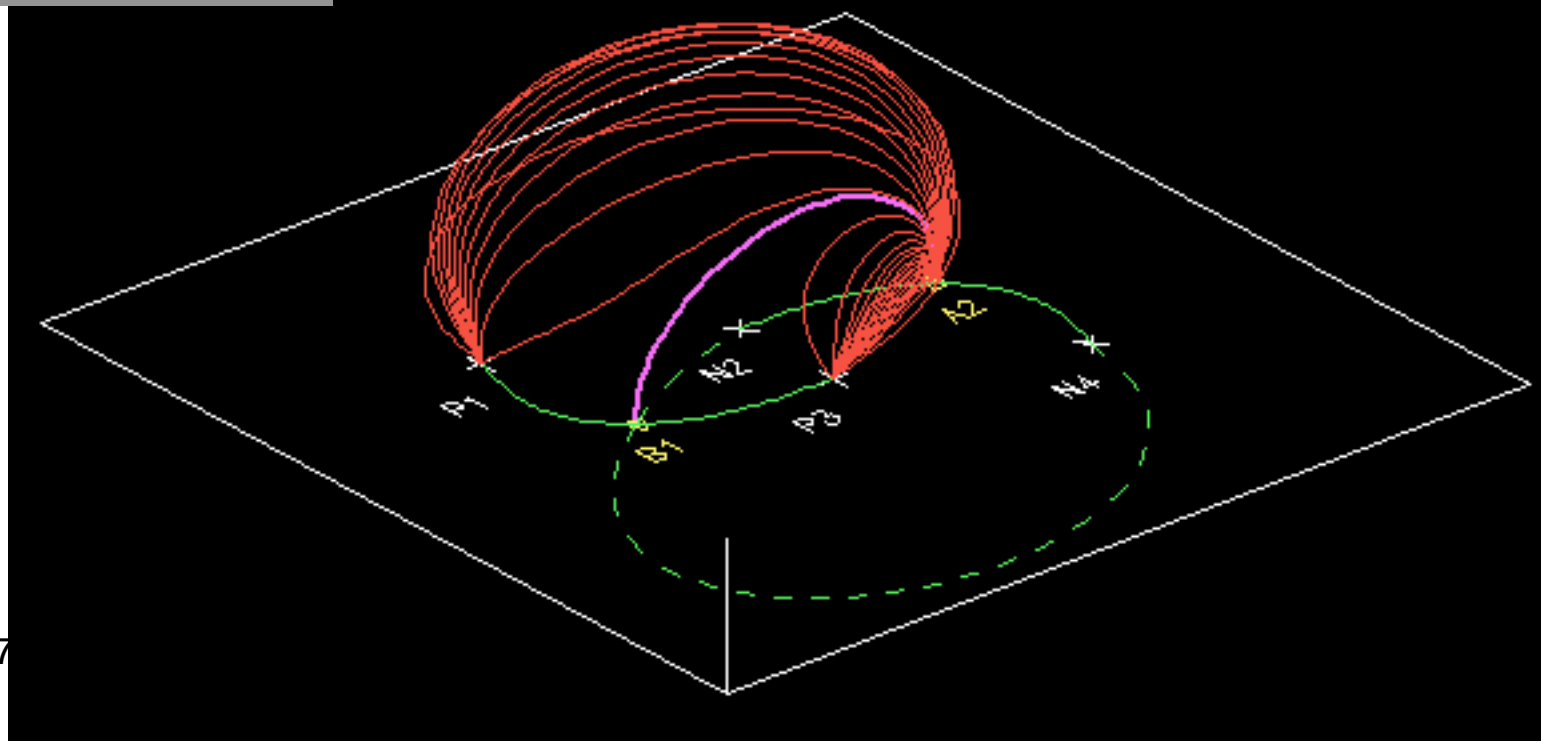
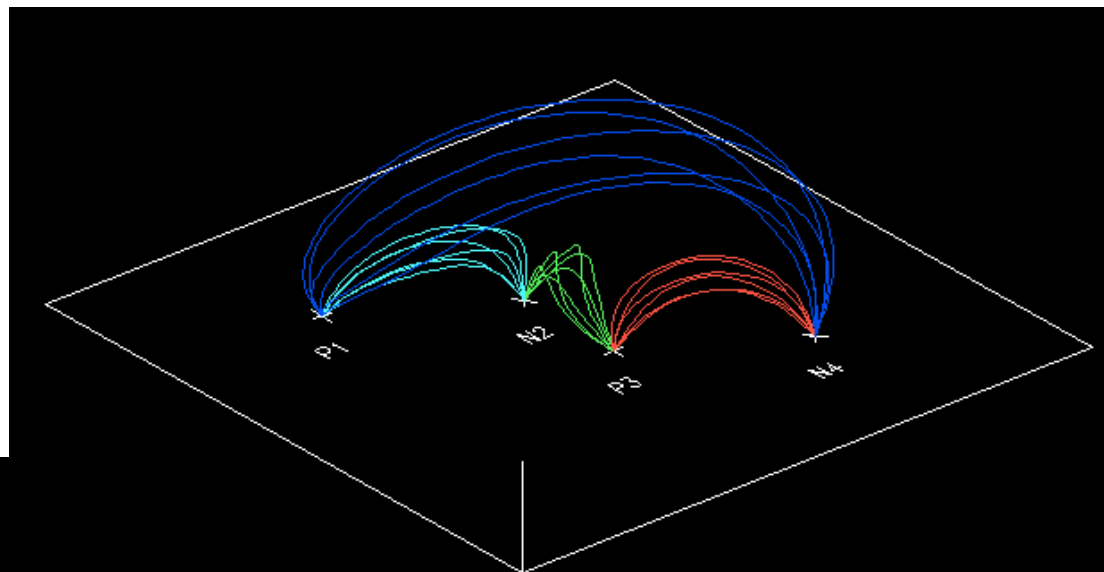
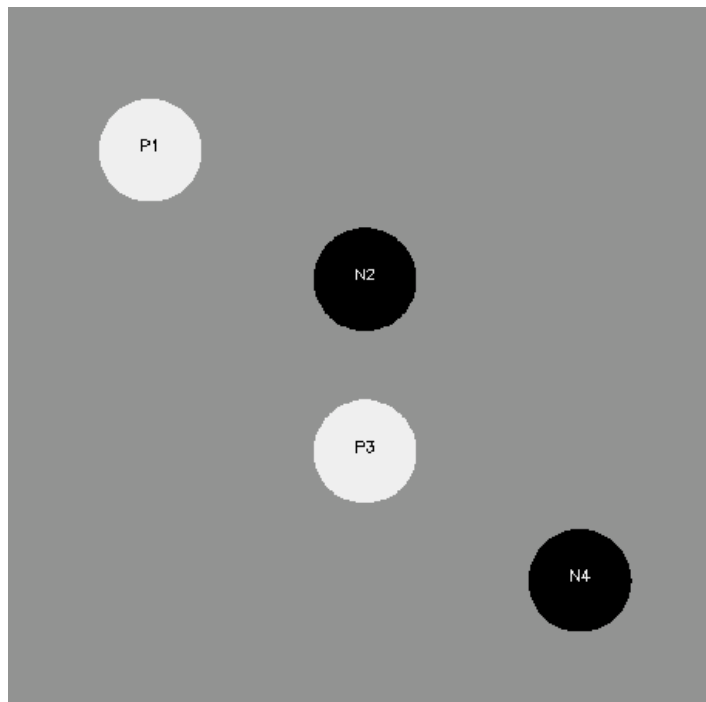




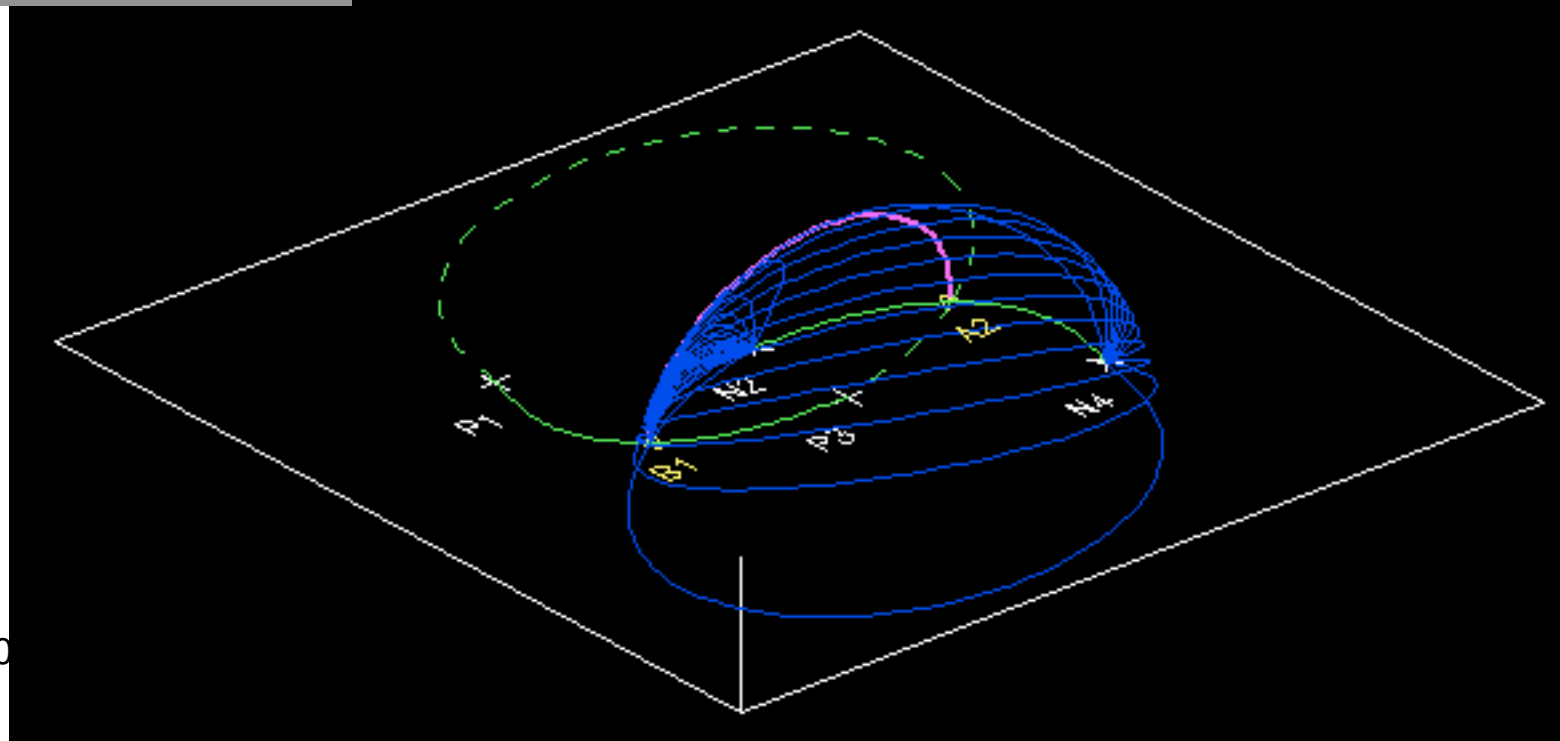
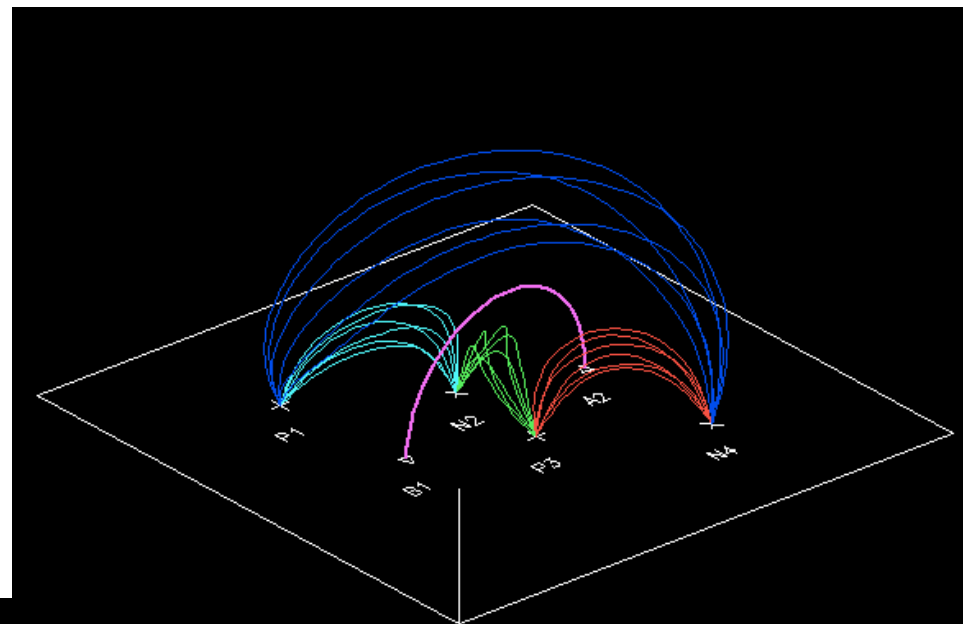
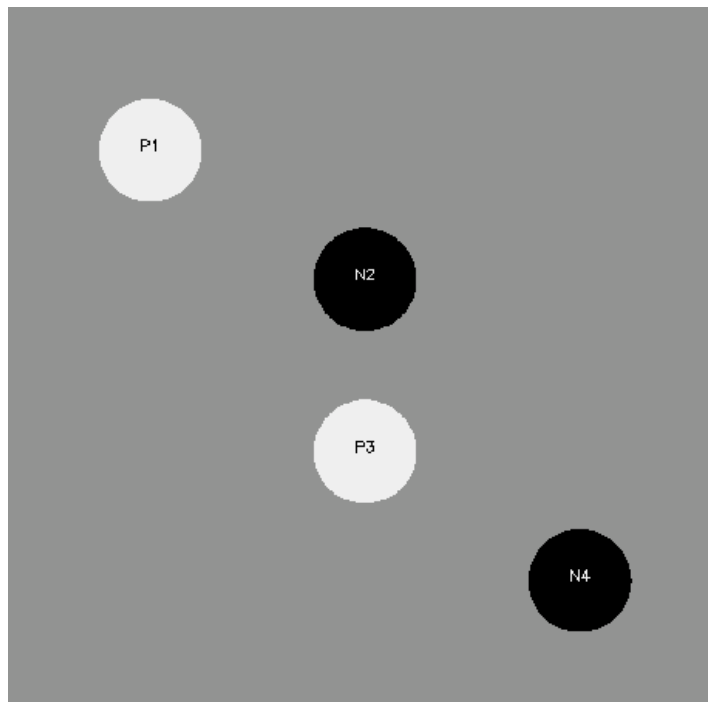
July 31, 2007



July 31



July 31, 2007

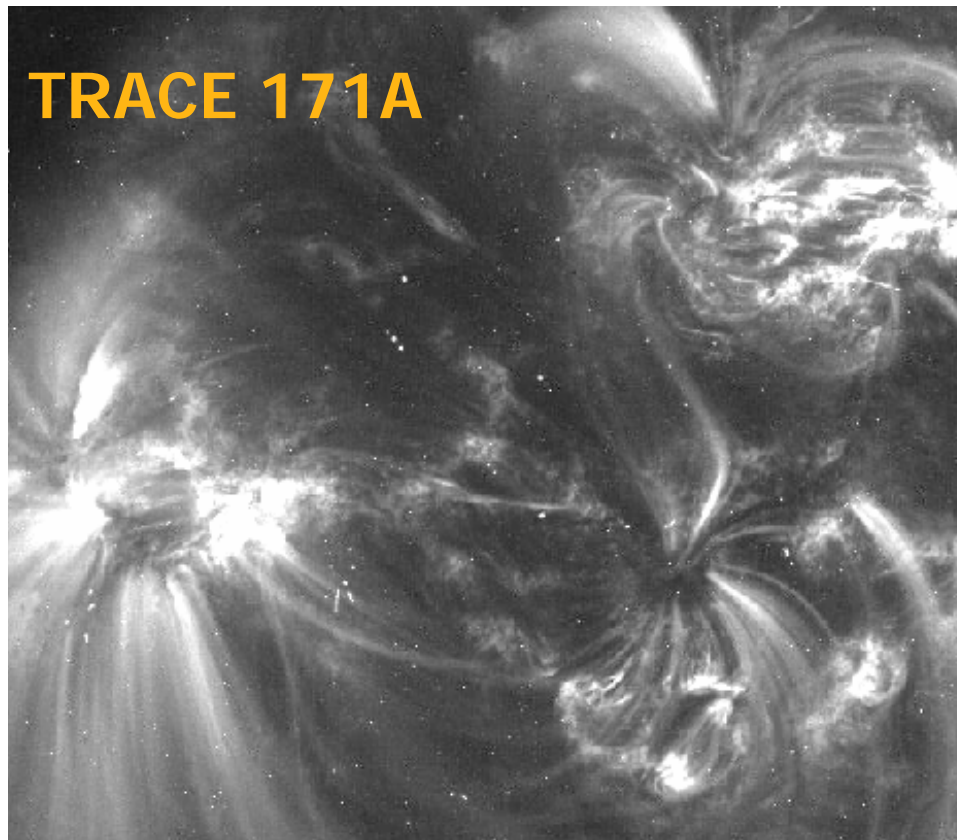


July 31, 200

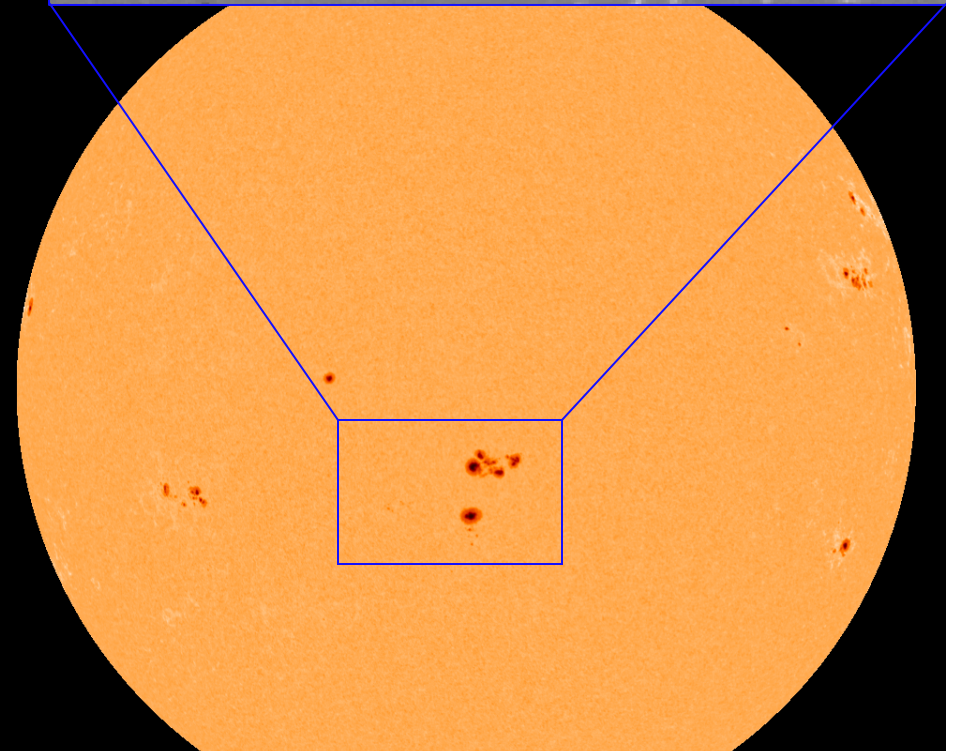
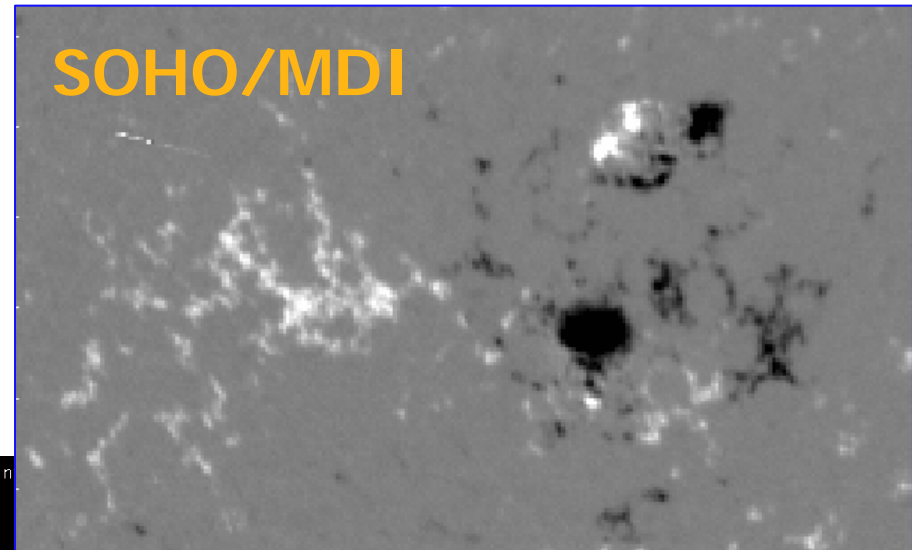
A Real Example

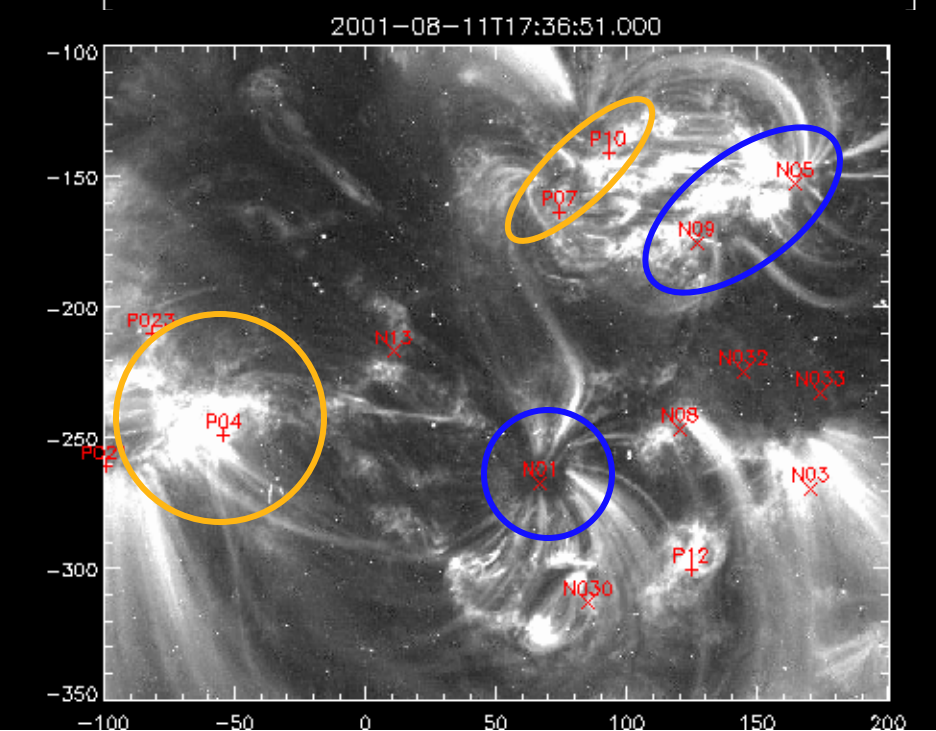
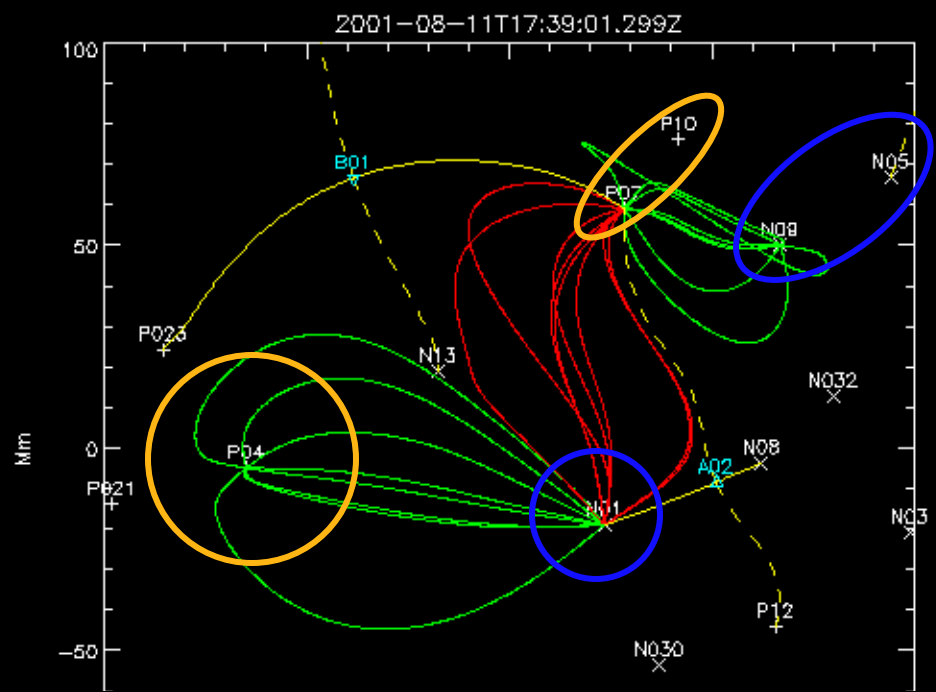
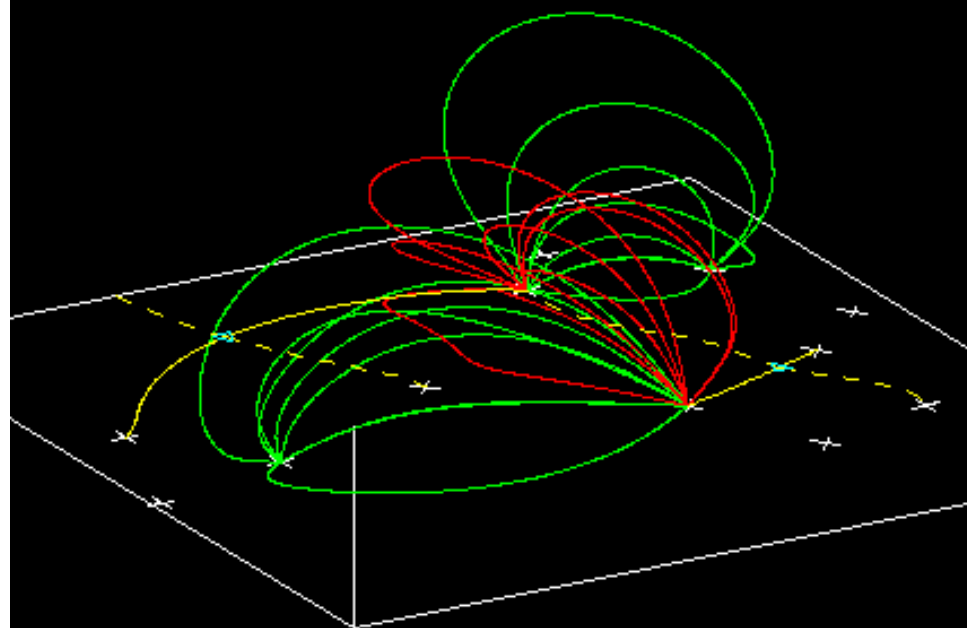
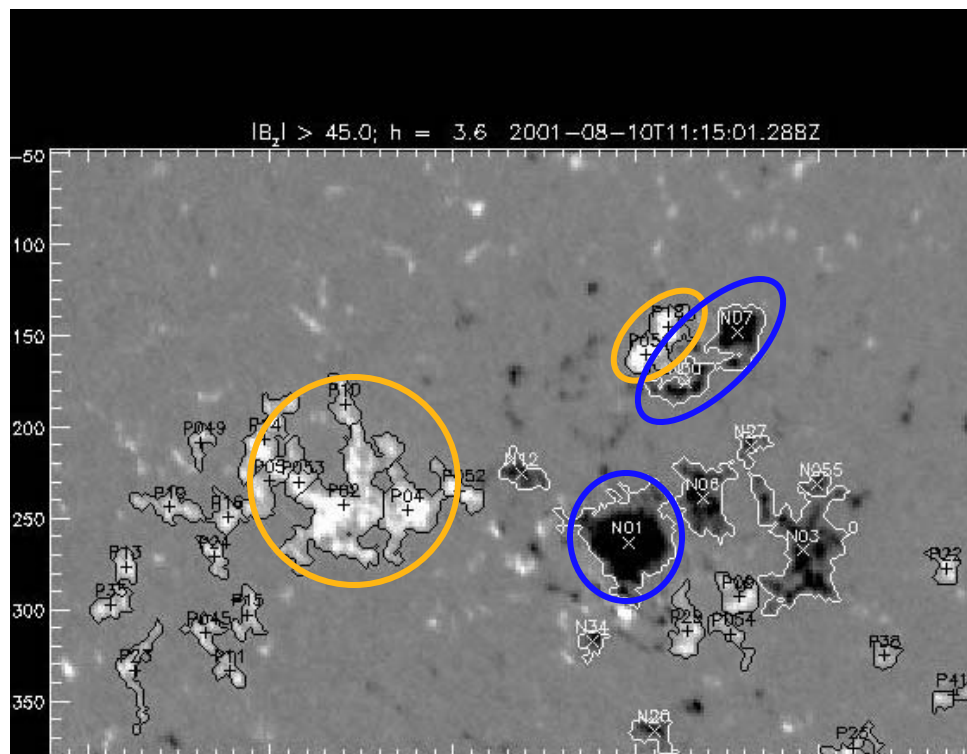
movie

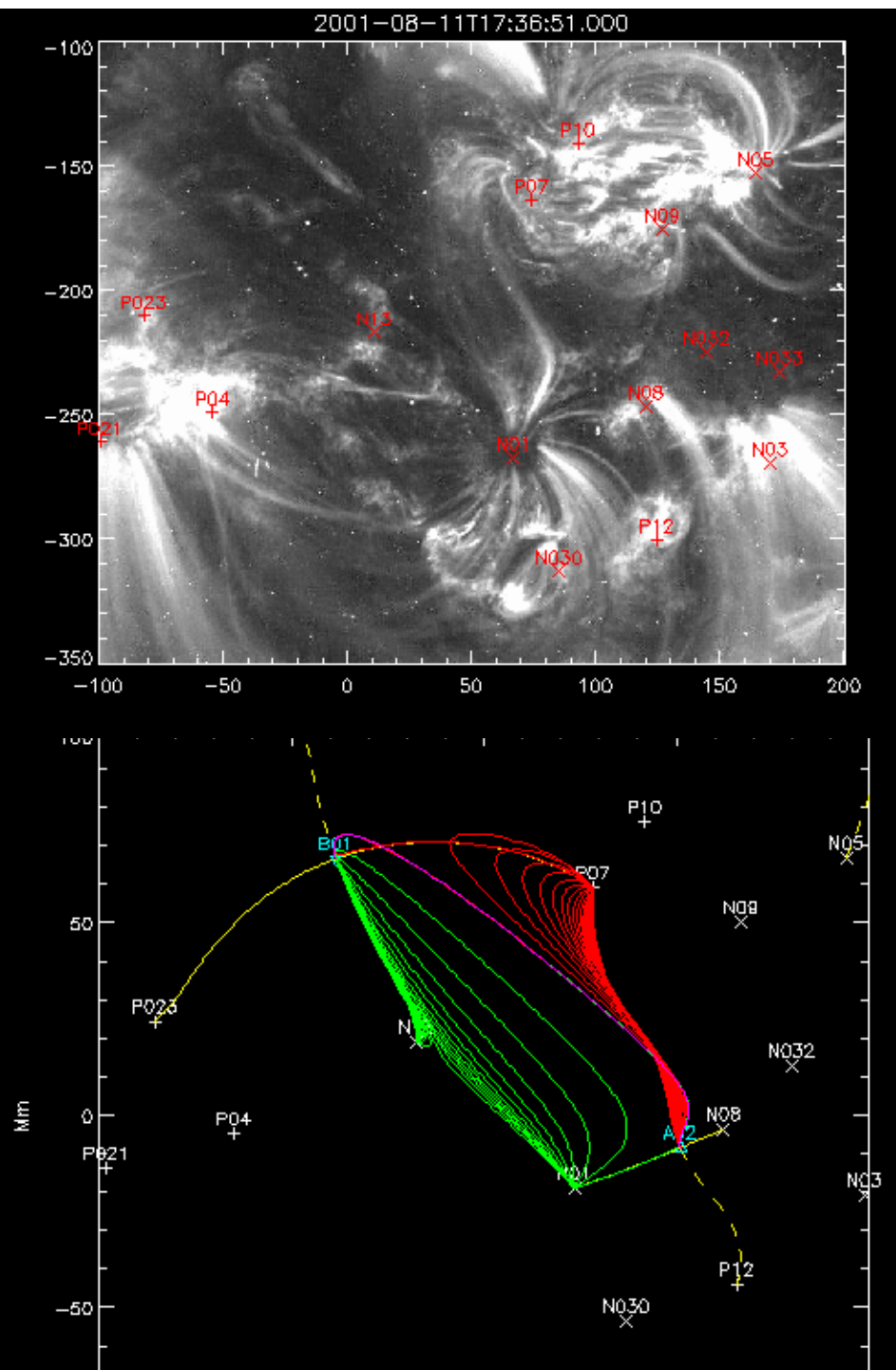
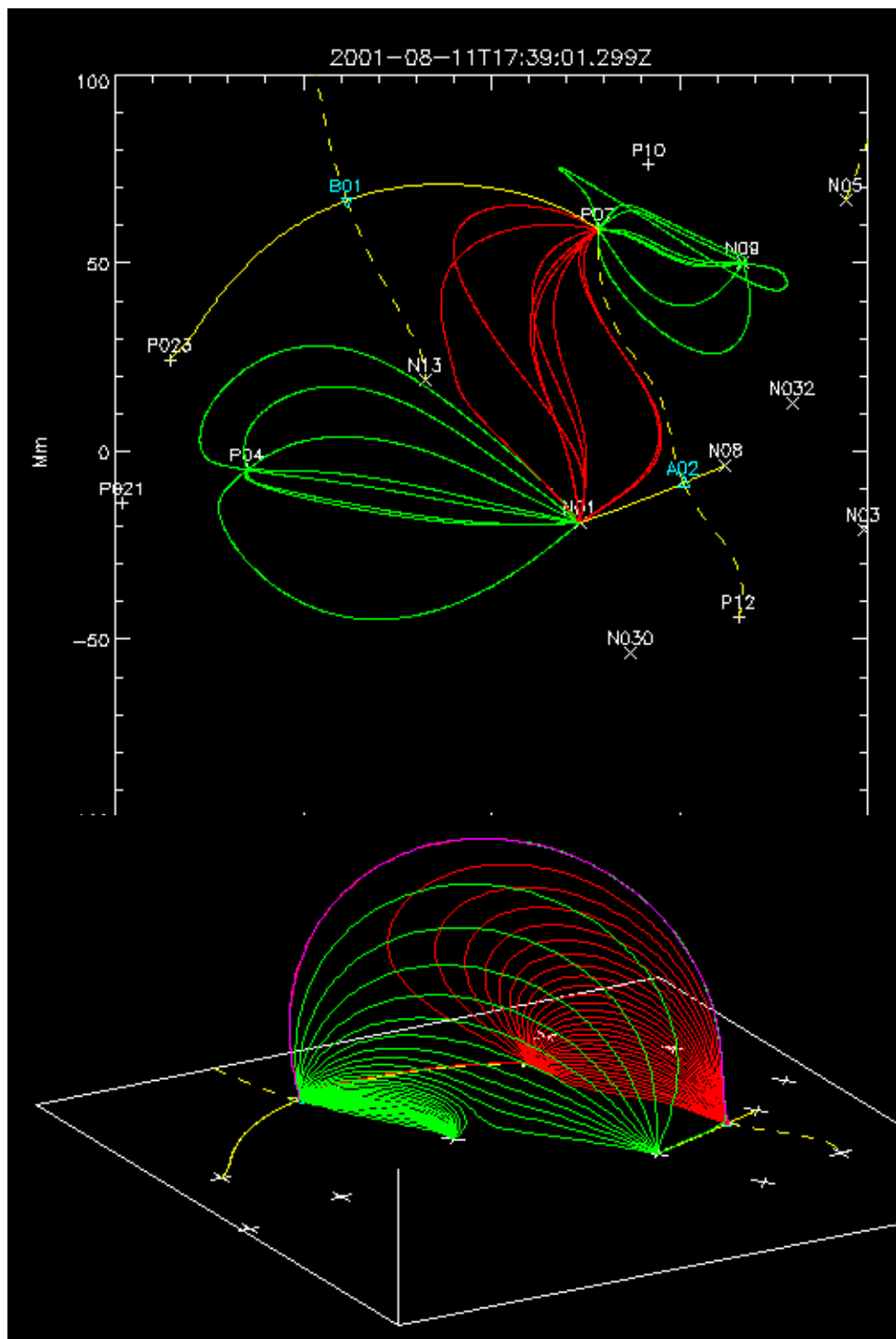
CORONA



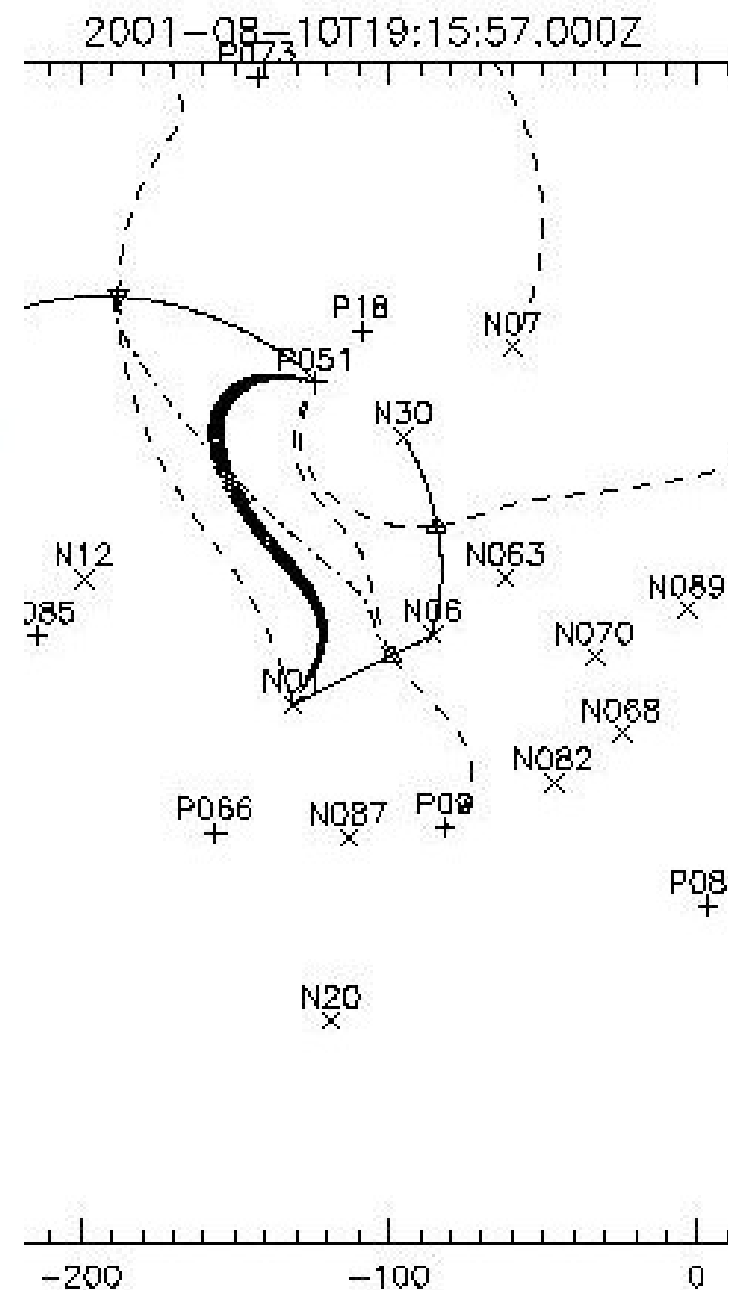
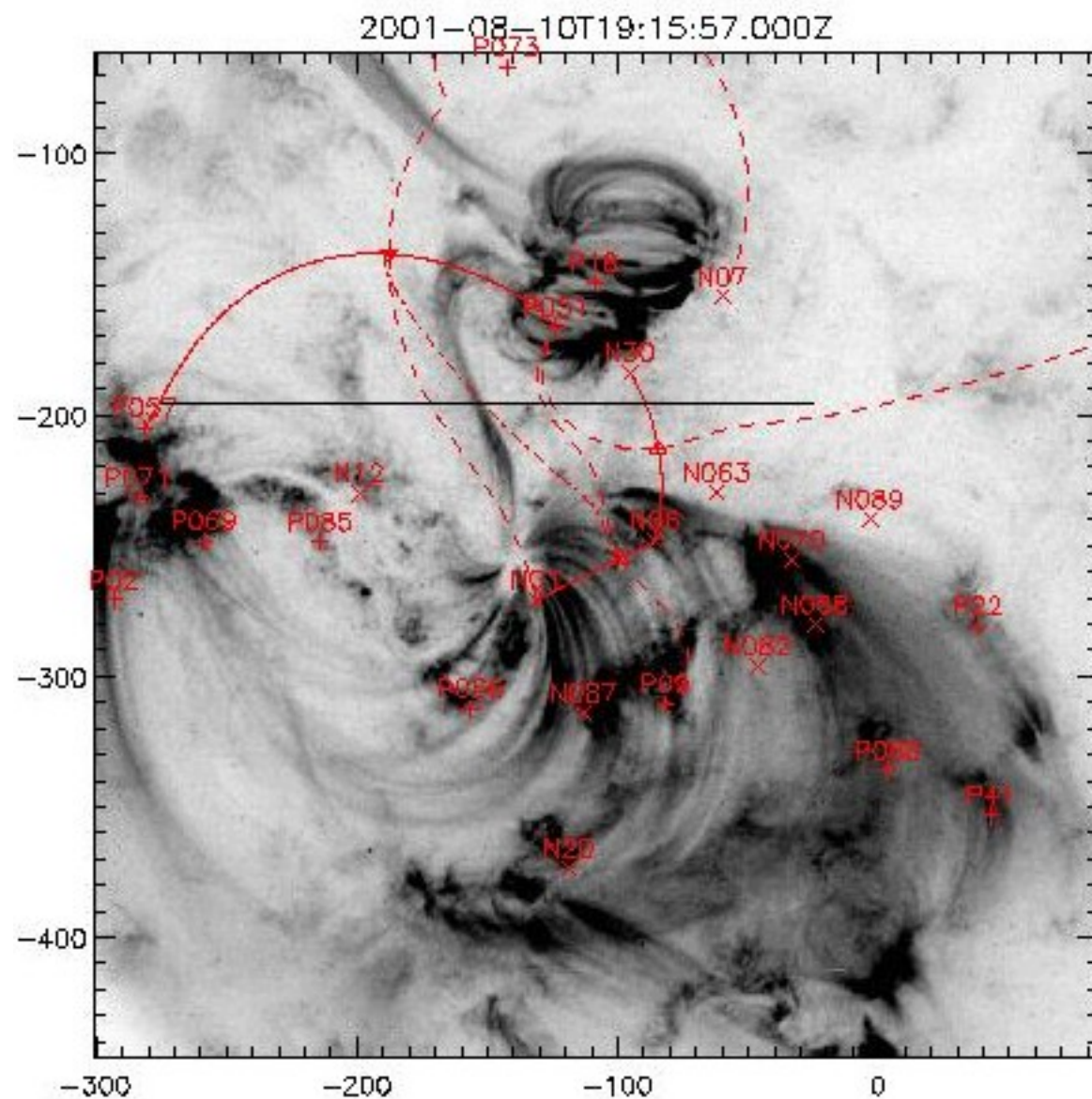
PHOTOSPHERE

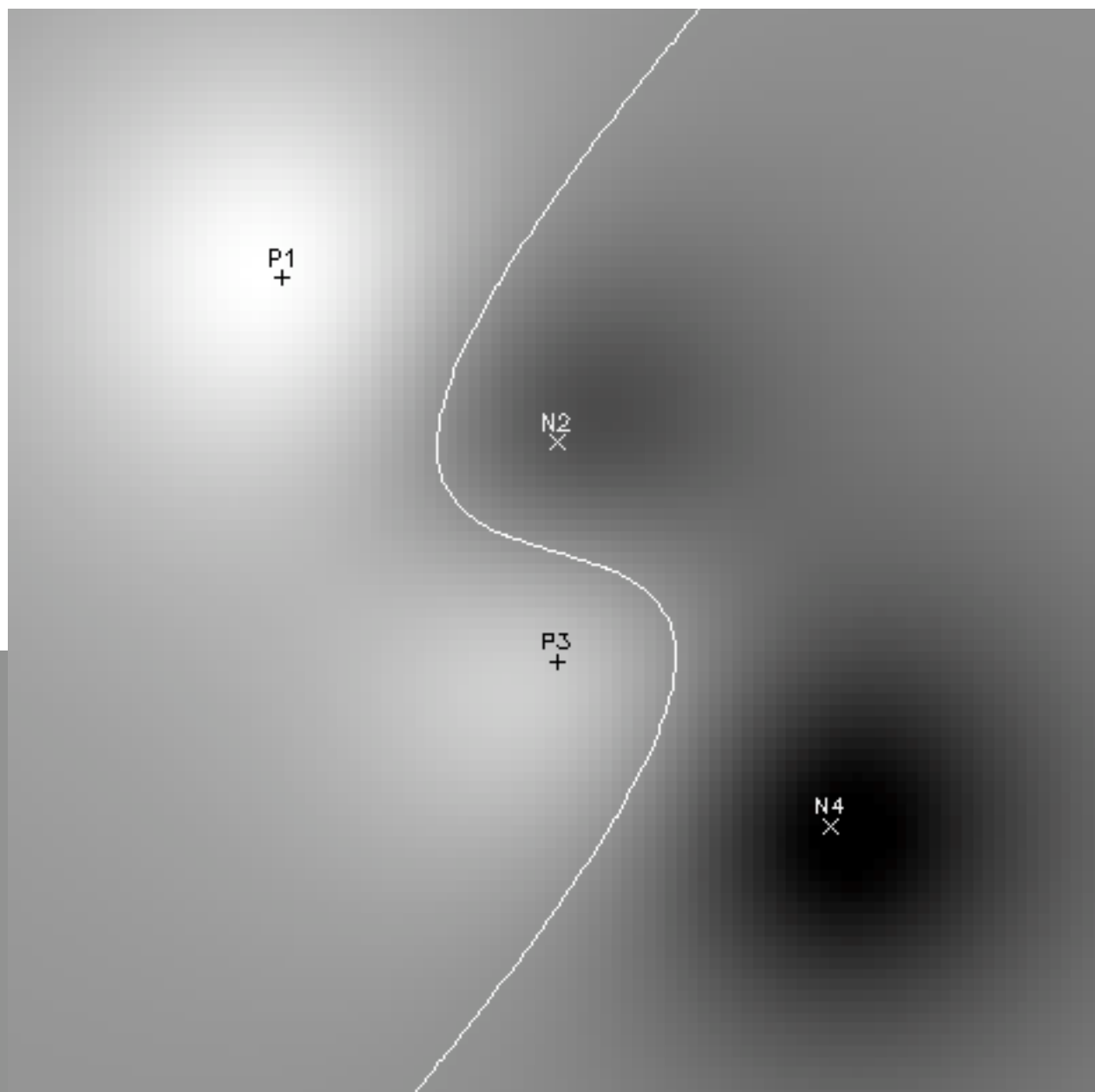
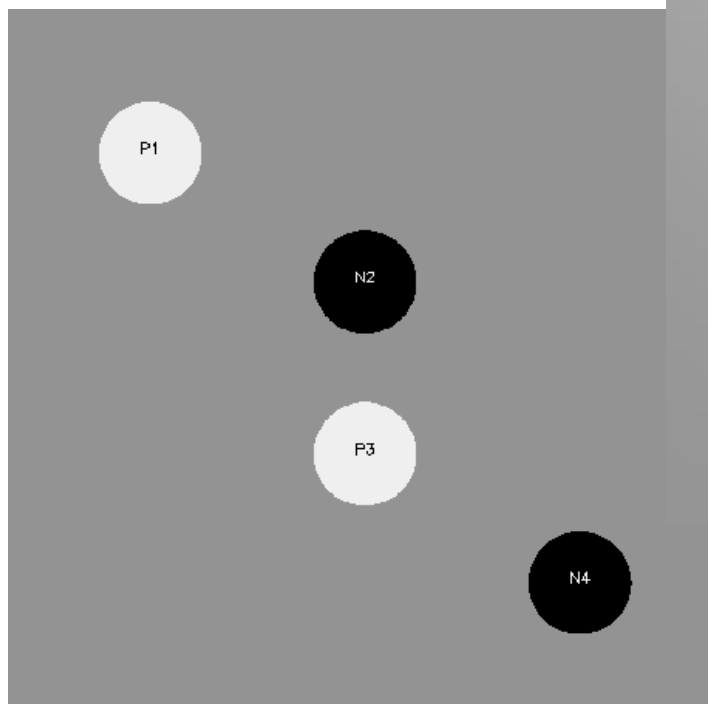






The separator





A crossing number puzzle

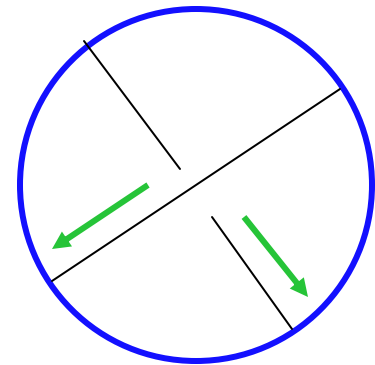
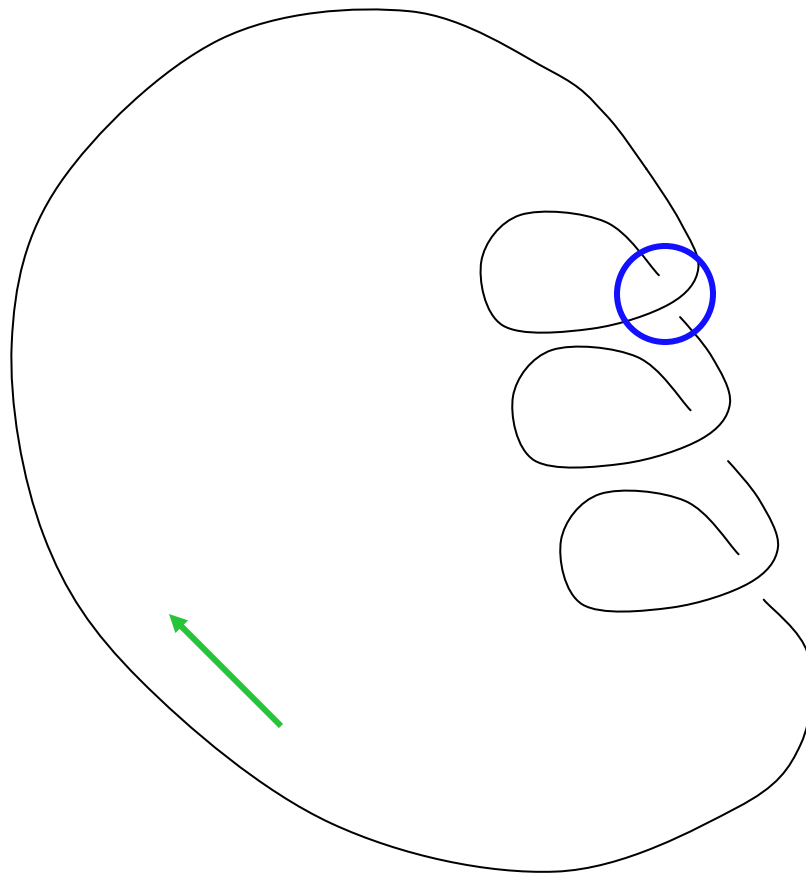
what is the
crossing
number?

A -3

B 0

C +3

D not defined



C = +1

A crossing number puzzle

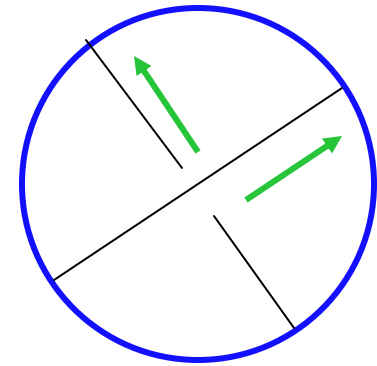
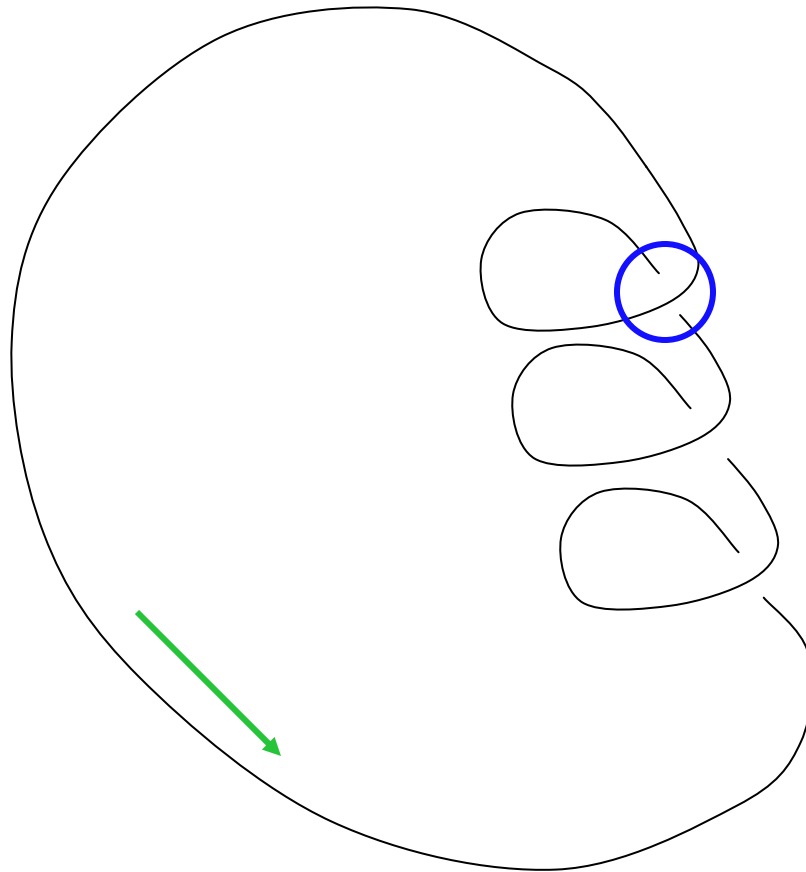
what is the
crossing
number?

A -3

B 0

C +3

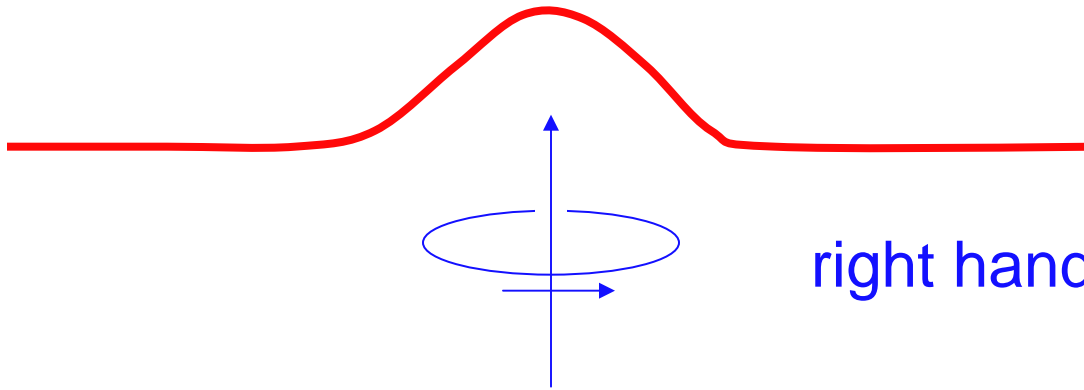
D not defined



$C = +1$

right-handed
helix

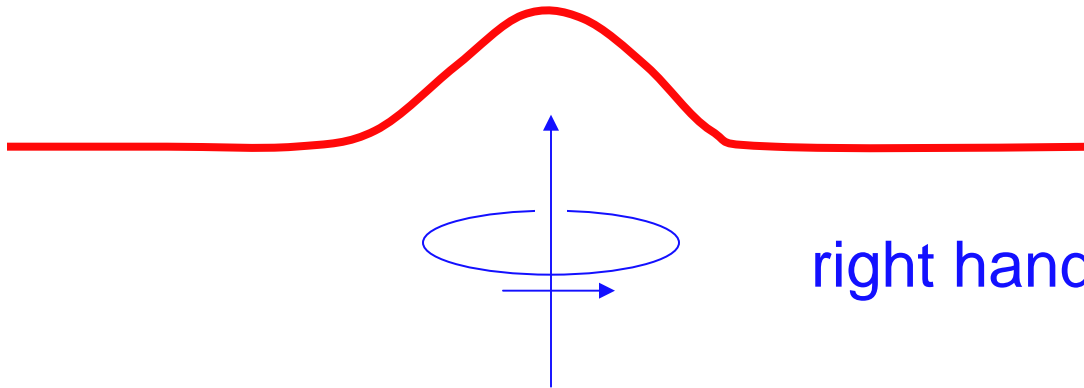
A Familiar Picture



right handed vortex

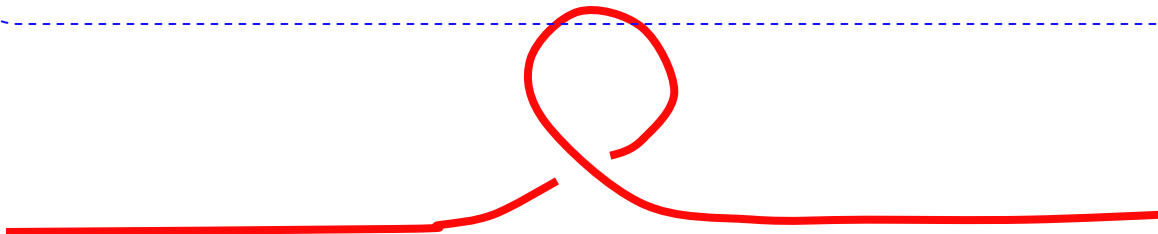
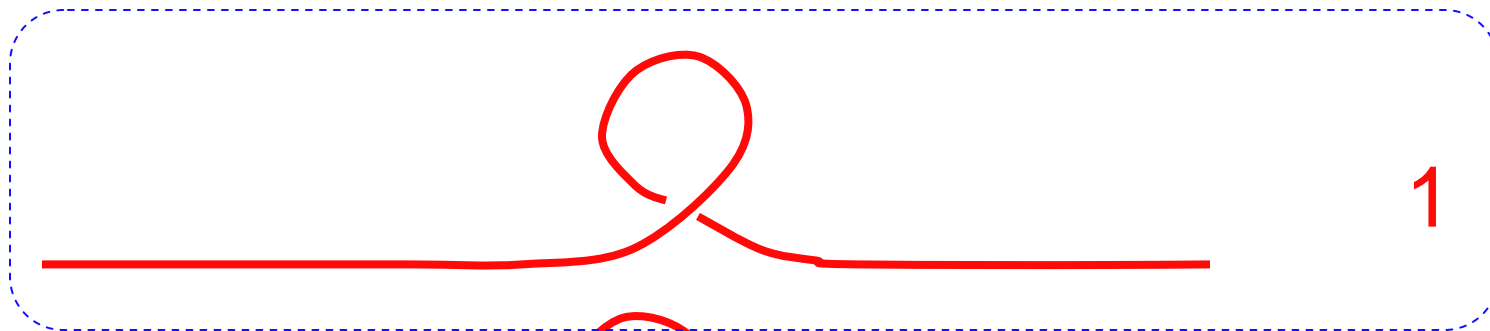
July 31, 2007

A Familiar Picture



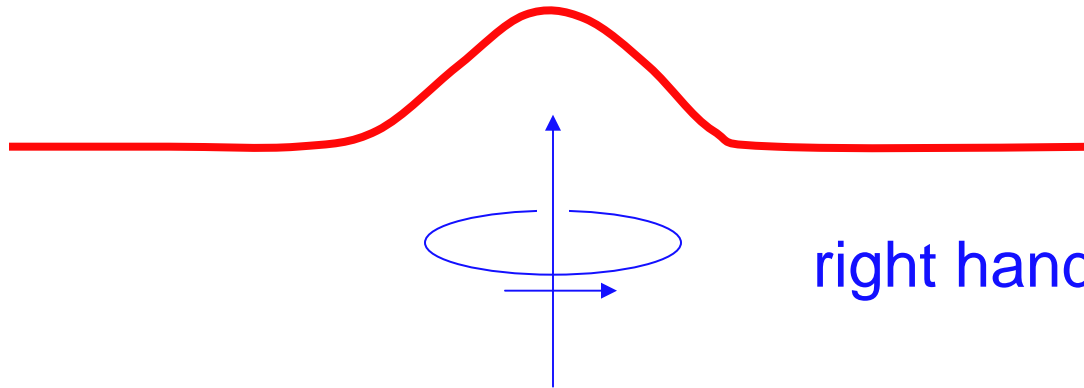
right handed vortex

what comes next?



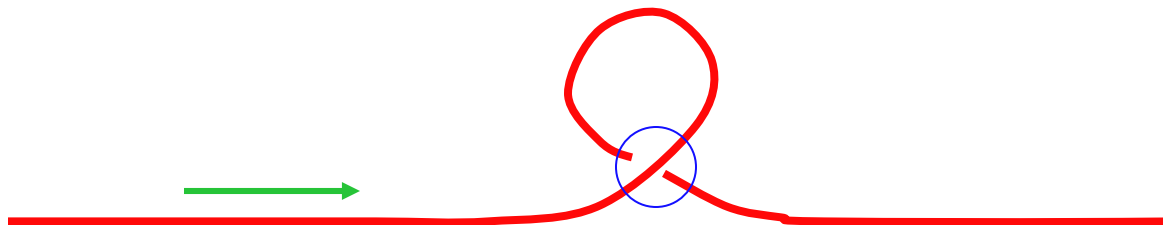
July 31, 2007

A Familiar Picture



right handed vortex

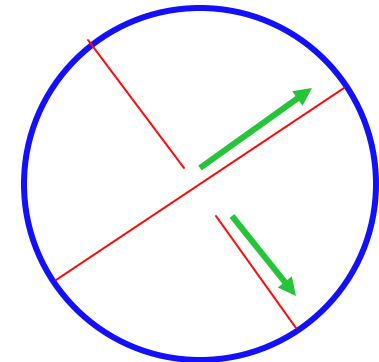
what comes next?



what handedness does this have?

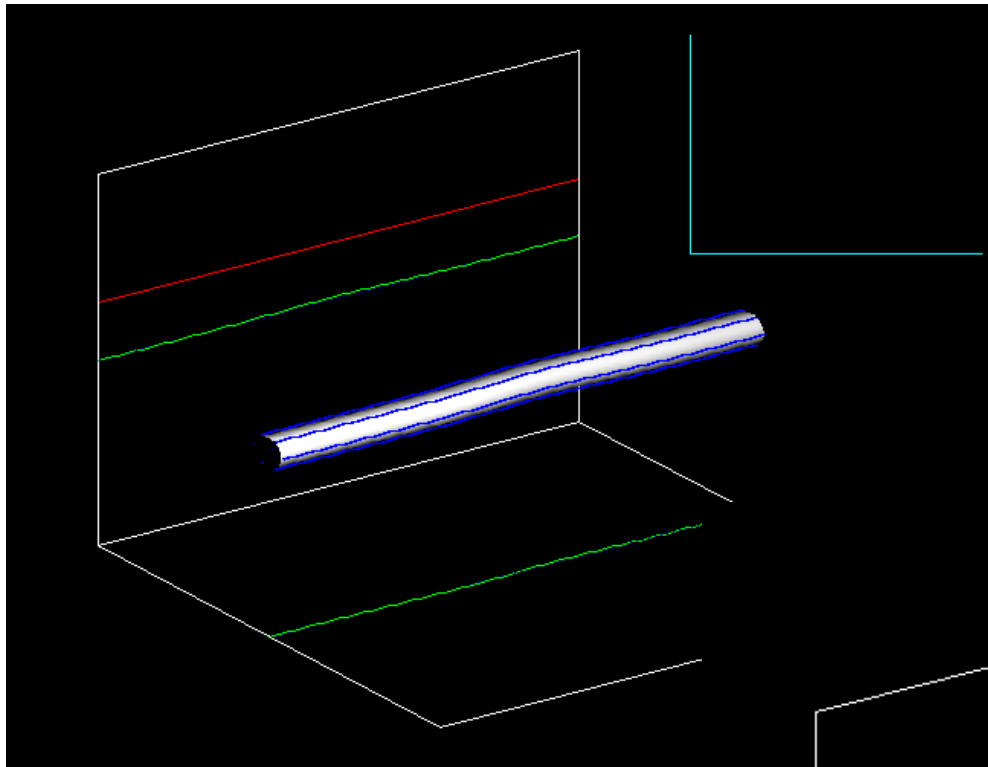
1. RH

2. LH



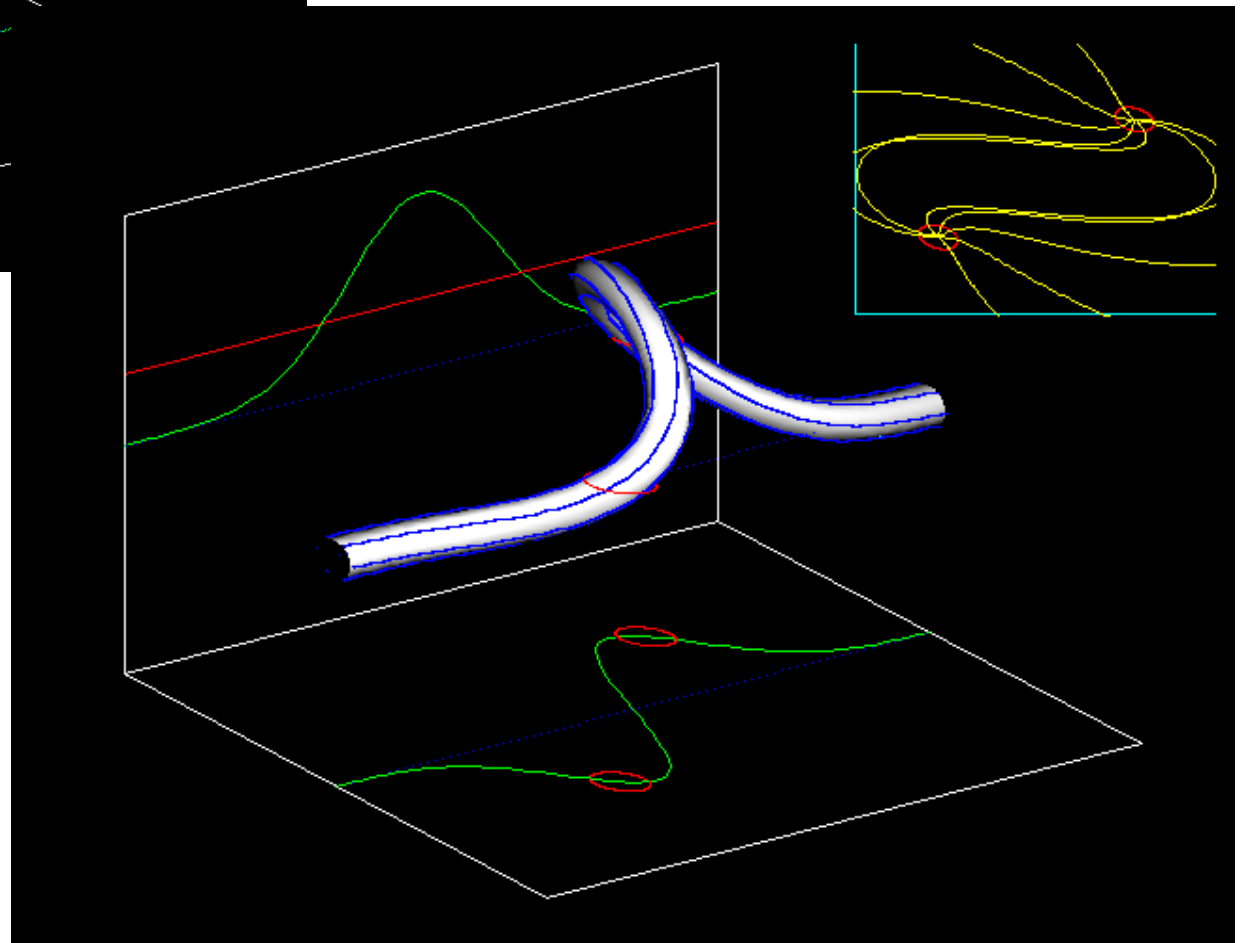
$C = -1$

what is the
handedness of
the axis?

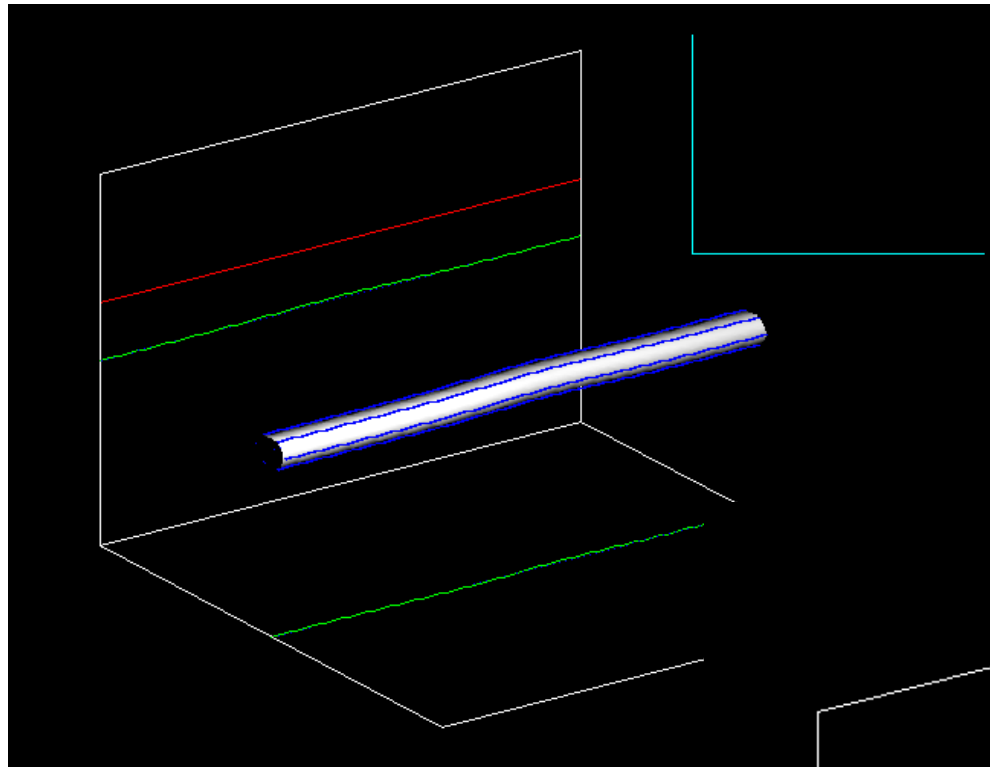


[movie](#)

July 31, 2007



what is the
handedness of
the axis?



what is the
handedness of
the twist?

July 31, 2007

