

magnetic field orientation

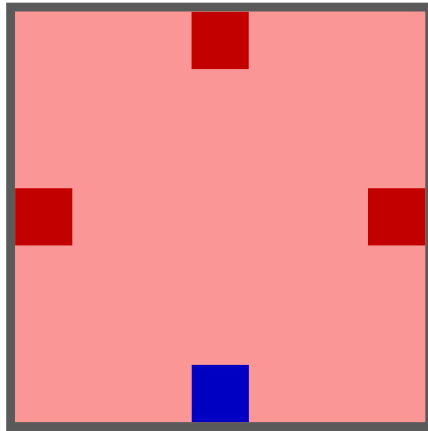


north pole outside

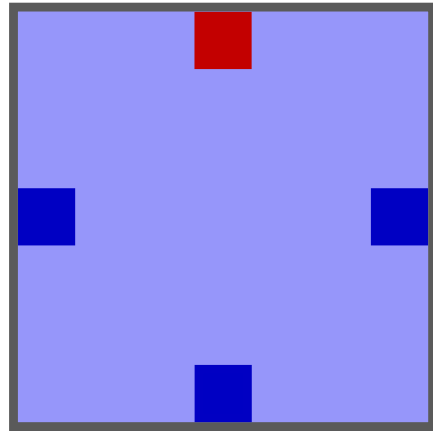


south pole outside

red cube



blue cube



$r_c$

$r_M$