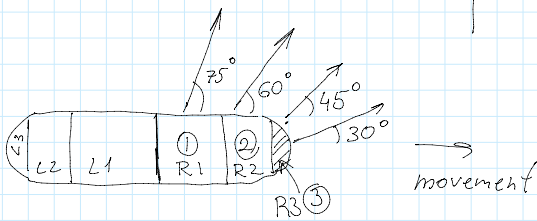


change in  $L$  only happens during platform bounce



$30^\circ$  - when platform moves right + ball hits R3