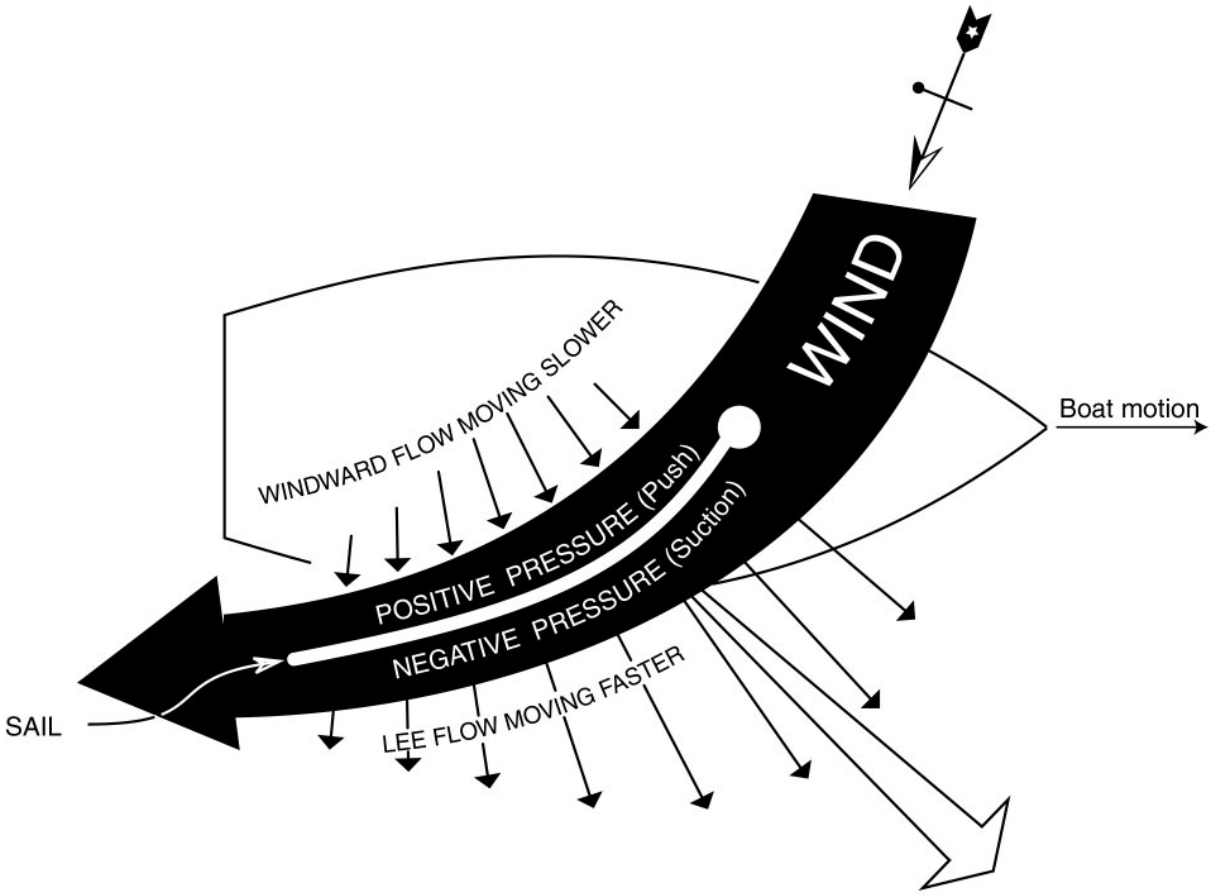

TOTAL FORCE VECTOR OF SAIL

Some of the total sail force heels (tips) the boat, some pulls the boat forward.