







b)	The initial steps for each n is always the same, that is, A moves one step to right and then B moves one step to the left, see the figure below.
	A B
	h
	where h = k-2, please note that the problem
	and k > 3 thorong b = k 2 is also add and
	P Dhier A voca moving his taken to the right in
	his turn, and player B Keep moving his token to
	where $h=k-2$, please note that the problem Size decreases by 2, and since k is odd and $k>3$, therefore, $h=k-2$ is also odd, and $k>3$ player A keep moving his taken to the right in his turn, and player B keep moving his taken to the left in his turn, then it is guaranteed that we will each a subproblem of size $h-3$, which is considered winning for B
	each a subproblem of size h-3; which is considered
	pinning for B