Vector Index and Designation	Map – Encoding Values							
	0	**1**	**2**	**3**	**4**	**5**	**6**	**7**
[0] Player	White	Black	–	–	–	–	–	–
[1] Piece	– (pawn)	N (knight)	B (bishop)	R (rook)	Q (queen)	K (king)	–	–
[2] File	A	B	C	D	E	F	G	H
[3] Rank	1	2	3	4	5	6	7	8
[4] Mods	O-O-O (queenside castle)	O-O (kingside castle)	x (capture)	+ (check)	# (checkmate)	= (promotion)	–	–