Useful links:

1. <https://www.youtube.com/watch?v=7y7c7Uhzb34&list=PLhSp9OSVmeyIVQpCt2kwsC1dNVl1GwlVn&index=31>
2. M

A=Transpose of A -> Orthogonal

Or

A x A ^T = I

All orthogonal matrices are symmetric in nature

Hence, A^-1 = A^T