

# SUPER MATRICES

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MA12C038  
2014

In this seminar project we have studied about the super matrices from the book on Super Linear algebras authored by W.B. Vasantha and Florentin Smarandache. Various type of super matrices are studied.

In fact products in them are defined in different ways. All square super matrices we cannot find the determinant in them. Further only for special type of super diagonal square matrices where the diagonal submatrices are square matrices we can find the determinant. One of the interesting properties is that the product of a row super matrix with its transpose is always a symmetric super matrix.