Document with QR Codes

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S.No | Subject | Class | Chapter No | Chapter Name | Topic Name | Subtopic Name |  | Manarkeni App |  |  | Youtube Video 1 |  |  | Youtube Video 2 |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Video availability in Manarkeni? | Link to the video in Manarkeni App | QR CODE to access the video | Link to the Video | Channel Name | Time Stamp | QR CODE to access the video | Link to the Video | Channel Name | Time Stamp | QR CODE to access the video |  |  |  |
| nan | nan | nan | nan | nan | nan | nan | nan | Video availability in Manarkeni? | Link to the video in Manarkeni App | QR CODE to access the video | nan | Link to the Video | Channel Name | Time Stamp | QR CODE to access the video | nan | Link to the Video | Channel Name | Time Stamp | QR CODE to access the video |
| 1.0 | Mathematics | XII | 1.0 | Application of matrices and determinants | Adjoint of a square matrix | nan | nan | Yes | https://manarkeni.tnschools.gov.in/Manrkeni-home/video-list;class=12;medium=19;termId=4;subjectId=3;subjectName=Mathematics;chapterId=2331;chapterName=Applications%20of%20Matrices%20and%20Determinants;topicId=10551;topicName=Inverse%20of%20a%20%20Non-singular%20Matrix;subTopicId=23303;subTopicName=Adjoint%20of%20a%20Square%20Matrix;conceptId=36310;conceptName=Adjoint%20of%20a%20Square%20Matrix;rbcId=1912160258;rbcVideoName=12cce700-f97d-11ed-8ddb-899932d0ef8a.mp4;rbcConceptName=Adjoint%20of%20a%20Square%20Matrix;rbcThumbNail=1bf2ab30-f97d-11ed-8ddb-899932d0ef8a.jpg;rbcVideoId=36796;RBCVideoName720p=02042e10-f97d-11ed-8ddb-899932d0ef8a.mp4;RBCVideoName1080p=f04e5600-f97c-11ed-8ddb-899932d0ef8a.mp4;RBCClassId=12;RBCSubjectId=3 | nan | nan | https://youtu.be/BCh9AunZ4AY?si=FUnzoflzqIUpqcC6 | Limit breaking tamizhaz | 0.49 - 10.59 | nan | nan | https://youtu.be/oHzpMgKuI9Q?si=phOvpxV6wy4flCx3 | Infinity Learn NEET | Full video | nan |
| 2.0 | Mathematics | XII | 1.0 | Application of matrices and determinants | Inverse of a Square matrix | nan | nan | No | nan | nan | nan | https://youtu.be/kWorj5BBy9k?si=OgyPGkSyLJgNuGOO | Professor Dave Explains | full video | nan | nan | https://youtu.be/sT9IgHjjhiY?si=Riq2BAAou84jJBlZ | khan academy | full video | nan |
| 3.0 | Mathematics | XII | 1.0 | Application of matrices and determinants | Elementary Transformation of matrices | nan | nan | Yes | https://manarkeni.tnschools.gov.in/Manrkeni-home/video-list;class=12;medium=19;termId=4;subjectId=3;subjectName=Mathematics;chapterId=2331;chapterName=Applications%20of%20Matrices%20and%20Determinants;topicId=10552;topicName=Elementary%20Transformations%20of%20a%20Matrix;subTopicId=23309;subTopicName=Row-Echelon%20Form;conceptId=36329;conceptName=Row-Echelon%20form%20and%20Method%20to%20reduce%20a%20matrix%20to%20a%20row-echelon%20form;rbcId=1912160278;rbcVideoName=a5b98230-c7f0-11ed-b625-5509d2b9239d.mp4;rbcConceptName=Row-Echelon%20form%20and%20Method%20to%20reduce%20a%20matrix%20to%20a%20row-echelon%20form;rbcThumbNail=b0f15d80-c7f0-11ed-8918-b517d0bb47a0.jpg;rbcVideoId=35422;RBCVideoName720p=91805aa0-c7f0-11ed-b625-5509d2b9239d.mp4;RBCVideoName1080p=77652830-c7f0-11ed-8918-b517d0bb47a0.mp4;RBCClassId=12;RBCSubjectId=3 | nan | nan | https://youtu.be/NrZoRqPRBh4?si=fqM2GJDvpUPyBvhO | Alex Maths | full video | nan | nan | https://youtu.be/oXMPQ-6YnGA?si=9ujgOMNUXkuDaz-u | Wrath Maths | full video | nan |
| 4.0 | Mathematics | XII | 1.0 | Application of matrices and determinants | Rank of a matrix | nan | nan | No | nan | nan | nan | https://youtu.be/SAC6oysnfaw?si=utB-n2hVBYUUgn4d | LIMIT BREAKING TAMIZHAZ | full video | nan | nan | https://youtu.be/Hd34nBwcBG8?si=5NuzGUFd2G0JKjlW | Dr.Harish Garg | full video | nan |
| 5.0 | Mathematics | XII | 1.0 | Application of matrices and determinants | Matrix Inversion Method | nan | nan | Yes | https://manarkeni.tnschools.gov.in/Manrkeni-home/video-list;class=12;medium=19;termId=4;subjectId=3;subjectName=Mathematics;chapterId=2331;chapterName=Applications%20of%20Matrices%20and%20Determinants;topicId=10553;topicName=Applications%20of%20Matrices:%20Solving%20System%20of%20Linear%20Equations;subTopicId=23314;subTopicName=Solution%20to%20a%20System%20of%20Linear%20Equations;conceptId=36340;conceptName=Unique%20Solution;rbcId=1912160289;rbcVideoName=2edd41e0-61f8-11ee-a055-a177d4fb7df5.mp4;rbcConceptName=Unique%20Solution;rbcThumbNail=39795260-61f8-11ee-a055-a177d4fb7df5.jpg;rbcVideoId=39384;RBCVideoName720p=1a664e00-61f8-11ee-a055-a177d4fb7df5.mp4;RBCVideoName1080p=fbf41d80-61f7-11ee-97c5-3b4db2c3e61d.mp4;RBCClassId=12;RBCSubjectId=3 | nan | nan | https://youtu.be/NNmiOoWt86M?si=9Sj\_yhMC3OAC2bU6 | Infinity Learn NEET | full video | nan | nan | https://youtu.be/WM5xoxLWsHY?si=gmlrFtQpSeRer4d3 | Alex MAths | full video | nan |
| 6.0 | Mathematics | XII | 1.0 | Application of matrices and determinants | Crammer's Rule | nan | nan | No | nan | nan | nan | https://www.youtube.com/watch?v=RdLo-9jh2EM | ProfessorDaveExplains | Full video | nan | nan | https://www.youtube.com/watch?v=bR3l3j25JrU | Alex MAths | full video | nan |
| 7.0 | Mathematics | XII | 1.0 | Application of matrices and determinants | Gaussian Elimination method | nan | nan | No | nan | nan | nan | https://www.youtube.com/watch?v=IJ4ZY6HBPDI | Alex Maths | full video | nan | nan | https://www.youtube.com/watch?v=RgnWMBpQPXk | Jeffry Chasnov | full video | nan |
| 8.0 | Mathematics | XII | 1.0 | Application of matrices and determinants | Homogeneous system of Equations | nan | nan | No | nan | nan | nan | https://youtu.be/ODOztJ6YRUM?si=CFrA\_o81drB2gMSj | Kimberly Brehm | full video | nan | nan | https://youtu.be/AQ7QHwHYEy4?si=uUTo0CuYqYCmRM58 | Wrath of Math | full video | nan |
| 9.0 | Mathematics | XII | 1.0 | Application of matrices and determinants | Non-homogeneous system of equations | nan | nan | No | nan | nan | nan | https://youtu.be/cfH-XSH8NPk?si=8\_tp-86W2I41YtW8 | Prof.Yogesh Prabhu | Full video | nan | nan | https://youtu.be/7njI8Rfrfns?si=2wxwgTRcxKnwiies | We teach academy maths | full video | nan |