MATH 2418

Exam 2 Reviews

5.1

Properties of determinants

**Book**

|  |  |
| --- | --- |
| a | b |
| c | d |

Chapter main points

1. Determinant of A = is ad-bc. Singular matrix is any whose determinant = 0
2. Row exchange reverses sign of determinant
3. Not sure what this rule means

|  |  |
| --- | --- |
| a | b |
| 0 | d-c/a(b) |

1. Elimination EA detEA = a(d – c/a[b]) = product of pivots = detA

Facts

;Rules

**Class**

**Recitation**