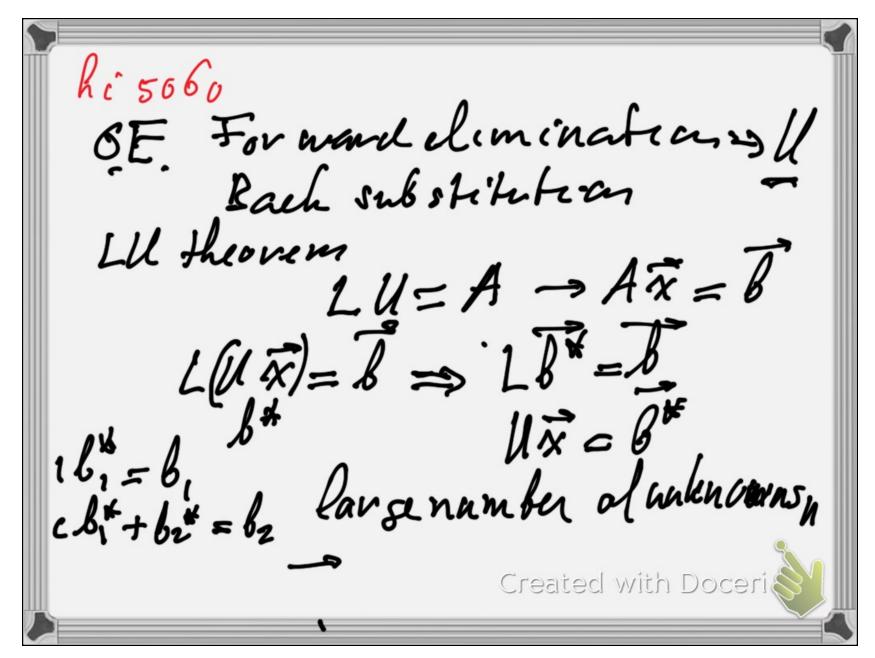
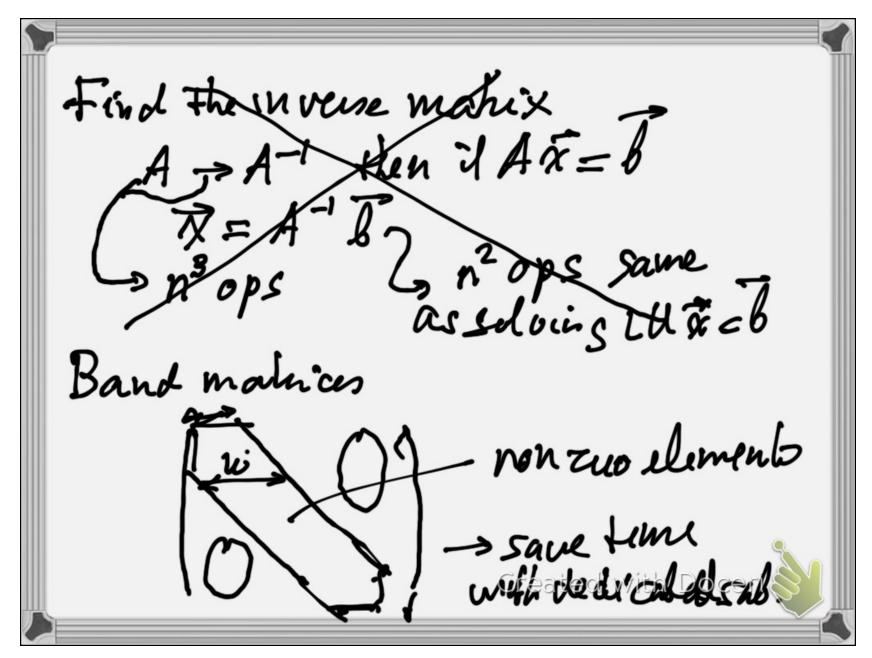
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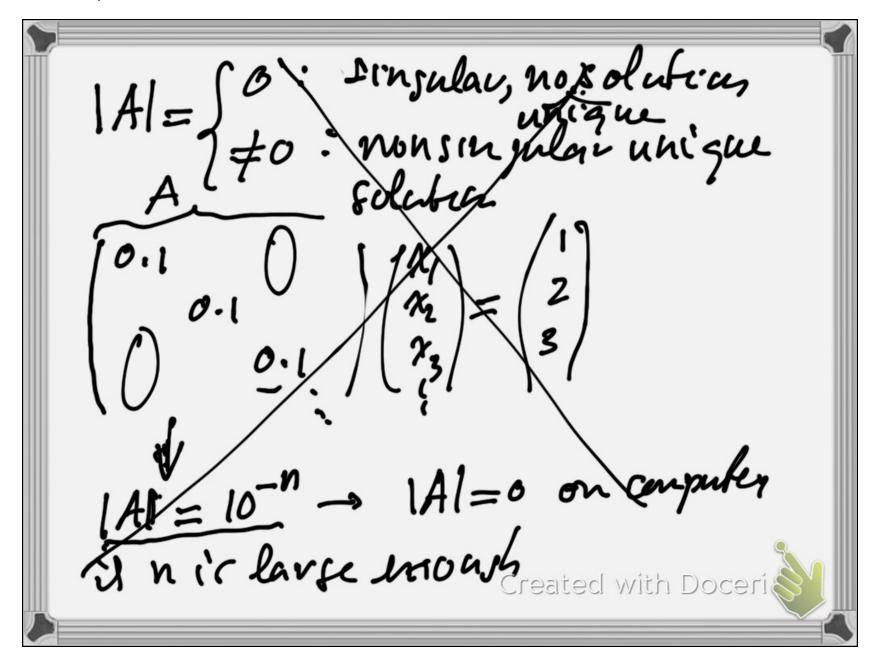
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solve LUX=B: Nn2 operation
10p=1* and 1+ Amn - Ann
10p
Find LU ~ \frac{1}{3} n^3 ops
Gauss-Jordan



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Bandmalux LU->0ps = O(n, w2) solve = O(nw) In vorse makit be conse fall - o computational tend ex plade ter minauts raigh multiply onl a Created with Doceria



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Numerical methods -> andition number C détermines whether the saystem is solvable accupate accurately 1-20 machine epsilon ->
slukim no 500 d

1-0(1) maximum accurage.

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Parhial Pivoting

Modified example pivot

$$(3x + 1y + 147 = -5)$$
 $(1)^{-25}$
 $(2x + 2y - 112 = -6)$
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