Will Townsend

Dr. E.A. Lu

COSC 370-750

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***Homework #5***

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|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| step | N’ | D(t), p(t) | D(u), p(u) | D(v), p(v) | D(w), p(w) | D(y), p(y) | D(z),p(z) |
| 0 | x |  |  | 3,x | 6,x | 6,x | 8,x |
| 1 | xv | 4,v | 3,v |  | 4,v | 6,x | 8,x |
| 2 | xvu | 2,u |  |  | 3,u | 6,x | 8,x |
| 3 | xvut |  |  |  | 3,u | 6,x | 8,x |
| 4 | xvutw |  |  |  |  | 6,x | 8,x |
| 5 | xvutwy |  |  |  |  |  | 8,x |
| 6 | xvutwyz |  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | u | v | x | y | z |
| u | 0 | 1 | 4 | 2 | 6 |
| v | 1 | 0 | 3 | 3 | 5 |
| x | 4 | 3 | 0 | 3 | 2 |
| y | 2 | 3 | 3 | 0 | 5 |
| z | 6 | 5 | 2 | 5 | 0 |

5

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | u | v | x | y | z |
| u |  |  |  |  |  |
| v |  |  |  |  |  |
| x |  |  |  |  |  |
| y |  |  |  |  |  |
| z |  | 6 | 2 |  | 0 |