| | Cament State | | | - Tron- | Nex + | State | | outputs at arrant stake stake | | | | Ashwini Jyer CS2110 HW4 Pan 2 Tablest Karnaugii | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------|----------|---------|-------|----------|-------------|-------------------------------------------|------------------------------------------------------|-----|----------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Article 1-10 to the State of the State o | | | | V | | | | | | | | | |
| | Si | S | So | - | Da | D, | Do | A | В | C | D | $A = \bar{s}$ | |
| | 0 | 0 | O | 0 | 0 | 0 | | | 0 | 0 | U | B = S | OS. |
| | 0 | 0 | 0 | | 0 | | | 1 | 0 | O | 0 | C = S | |
| | 0 | 0 | 1 | 0 | 0 | | 1 | O | 1 | 0 | 0 | D = S | 2_ |
| | 0 | O | 1 | 1 | 0 | 1 | 0 | 0 | | 0 | O | D2 = | |
| | 0 | 1 | | 0 | 0 | | 0 | 0 | 0 | 1 | 0 | KS, + SUS, + 50 SZ | |
| | 0 | 1 | 1 | | 1 | 0 | | 0 | 0 | l | 0 | D1 = | |
| | 0 | 1 | 0 | 0 | | 0 | 1 | - | 0 | ١ | 0 | SOK + SISO | + 5 ,5 K |
| | 0 | 1 | 0 | | 1 | 0 | 0 | 1 | 0 | 1 | 0 | Do = | |
| | 1 | | 0 | 0 | X | X | X | X | × | × | × | KS, +SOK | + 5250+ |
| | | | 0 | 1 | X | X | X | X | X | × | X | 3,5,50+ | 5,50K |
| | | 0 | 0 | 0 | | 0 | (| 1 | 0 | 0 | 1 | | |
| | | <u>O</u> , | | | | 0 | 0 | 1 | 0 | 0 | 1 | | |
| 10 | | 0 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | | | |
| 1,5 | | 0 | | | 0 | | 1 | 0 | | 0 | 1 | | |
| (A) | | 1 | 1 | 0 | X | X | X | X | X | X | X | | |
| 10m2 22 | - | | | | | X | × | × | X | X | | | |
| 50 K | 0001110 | | | | 10 | |) = SI | Sas | | | | | |
| FO 0 | 1 | | (| X 21 | | 5 | OK | 0 | 0 | 01 | 111 | 10 | |
| - 0 1 | | | | 0 0 | | | | | | 1 0 | | | |
| | 0 0 1 | | | | (|) 1 0 | | | X9 | | 4 0 | | |
| | | | 0 - | 2 | | | | | | | X- | 110 | |
| (B) C L | 72 | 2 | 2 | 2021 | 101 | | | | 0 1 | | 1 X | 7410 | |
| 30 1 | 0 | 0 | 21 | X | 0 | (D | =52 | | | | | | |
| 0 0 | | > | 0 | X | 0 | <u> </u> | , | >2 | 5, | | T | | |
| | | | 9 | X | 7 | <u> </u> | OK | 0 | 0 | 01 | 11 | 10 | |
| | | + | 0 | X | 1 | | <u>)</u> () | 1 |) | 0 | X | 91 | |
| | 1 | | <u>U</u> | | - | (|) | 1 |) | 0 | X | -71 | kadimarkkiran rhan (Ppagaman) i i i i i i i i i i i i i i i i i i i |
| | | | | | | | 1 1) | 1 | 7 | 0 | X | 71 | |
| | | | | · | | | 1 0 | | | | 1/1 | (3) | and the second section of the second |
| | | | | | | | | | Piritur , rispendiren er gipalig _{s e} inne | | - | | ر چيپينالوستند عبك ويونه جودائي سينتالاستانه د ر در روم كند |

t = or AB - A and B Ashwini Juper csallo Hw 4 partz tables and karnaugh maps

| | maps |
|-------------------------------|-----------------------------------------------------------|
| | KS, + SOKSI+SOKSI+S2So |
| 525, | $= \overline{SOS1} + \overline{S_2S_0} + \overline{KS_1}$ |
| 50 K 00 01 11 10 | |
| OO O X-IN TY | KS, + 505, + 5052 |
| GI X-DWI | |
| 1 0 (X -> 1) 0 | |
| 10 0 X 0 | |
| | |
| | |
| S ₂ S ₁ | SOK + S2S, SO + 525, K + S25, SO |
| SOK 00 01 11 | |
| 000 0 X 6 | SOK + 5150 + 525, K |
| 0 1 0 X 0 | |
| 1 1 DX | |
| 10 (1) | 2) |
| | |
| (\mathcal{D}_{0}) | KSI + 50K + 525,50+ 5150K+ 5250 |
| SaSı | |
| SOK 00 01 11 10 | |
| OO (IX) | |
| OI (O) X | |
| | |
| 10 X31 |)(s) |
| | |
| | |
| grouping all the cox | nor 1's |
| Judy 11. | |
| | |
| 0000 | |
| 1000 | |
| 1010 | |
| | |