| Zulun 251113° | | | | | | | | |
|------------------|-------|-----------|-----------|-------------|------------|---------------------------------|------------------|-------------------|
| i) i] ~ | is tr | ne. | | | | | | |
| The | turth | - table | for ! | The | turl | th tab | le For | |
| 7. | g.cx | ,~s): | 1 | - - - | · 8267 | τ ₂ , χ ₂ |): | |
| 71 72 | 73 | x, g, 1x2 | ,~s). | 7 | % 2 | 73 | x.g.1x2 | $, \infty_{s})$. |
| 1 1 | | * | | 0 | 1 | 1 | * | |
| 1 1 | O | * | 1 | | | Ö | | |
| 10 | | * | | 0 | 0 | | * | |
| 1 0 | 0 | *. | (| 0 | 0 | 0 | *. | |
| The to | arth. | table 70 | ~ ~.· f | Cx2, | x3)+ | 7,82 | (x2, x3) | is: |
| | | 7. g, 12 | | | | | | |
| 1 1 | 1 | * | | | | | | |
| 1 1 | O | * | | | | | | |
| 10 | | * | | | | | | |
| 10 | 0 | *. | , which | îs - | the s | same | as the t | inrth |
| 0 1 | | * | telole | न | 7 0 | 2,, 2 | $, \alpha_{s}).$ | |
| 0 1 | O | * | | | | | | |
| 0 0 | | * | | | | | | |
| 0 0 | 0 | *. | | | | | | |
| it a | 3 7 | alse, the | . conditi | on i | از ک | nilar, | the tur | th |

table for x_1 , $f_1(x_2, x_3) + \overline{x}$, $f_2(x_2, x_3)$ the same as the furth table above.

2) For Boolean function that has n variables, it can have 2" possible minterms at most. Assume this boolean function has meases of true value, then it must could be varitten as the sum of me minterms of these 2" minterms because these 2" minterms cover all cases that could happen.

For example, if n=2. then all possible minterms are: xy, xy, xy, xy.

all these minterns cover all possible conditions when there are two variables.

3)