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* How to convert Binary to octal

(1.) 0010101011011 . 1001

Sol^{n}: Group as 3 bits patterns:

= 001 010 101 011 . 100 100
  | | | | | |
= 1 2 5 3 . 4 4

$\therefore (0010101011011 . 1001)_2 = (1253.44)_8$

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