



NAVI MUMBAI

MATLAB

Unit 6-Lecture 21

Operators Precedence

BTech (CSBS) -Semester VII

30 Septemer 2022, 09:35AM



Control Flow and Operators

- 1) relational and logical operators
- 2) “if ... end” structure
- 3) “for ... end” loop
- 4) “while ... end” loop
- 5) other flow structures
- 6) operator precedence
- 7) saving output to a file



Operators Precedence

1. Parentheses ()
2. Transpose (. '), power (. ^), complex conjugate transpose ('), matrix power (^)
3. Power with unary minus (. ^ -), unary plus (. ^ +), or logical negation (. ^ ~) as well as matrix power with unary minus (^ -), unary plus (^ +), or logical negation (^ ~).
4. Unary plus (+), unary minus (-), logical negation (~)
5. Multiplication (. *), right division (. /), left division (. \), matrix multiplication (*), matrix right division (/), matrix left division (\)
6. Addition (+), subtraction (-)
7. Colon operator (:)
8. Less than (<), less than or equal to (< =), greater than (>), greater than or equal to (> =), equal to (==), not equal to (~=)
9. Element-wise AND (&)
10. Element-wise OR (|)