

valogat

1. polyfit3

For the 4 element vectors T and F , we issue the command $P = \text{polyfit}(T, F, 3)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 3 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 3 (−33.33333%)
- (e) the degree of P is at least 3 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

2. polyfit3

For the 6 element vectors T and F , we issue the command $P = \text{polyfit}(T, F, 5)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 5 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 5 (−33.33333%)
- (e) the degree of P is at least 5 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

3. polyfit3

For the 7 element vectors T and F , we issue the command $P = \text{polyfit}(T, F, 6)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 6 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 6 (−33.33333%)
- (e) the degree of P is at least 6 (−33.33333%)

(f) P is always the minimal degree interpolational polynomial (−33.33333%)

4. **polyfit3**

For the 8 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 7)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 7 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 7 (−33.33333%)
- (e) the degree of P is at least 7 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

5. **polyfit3**

For the 9 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 8)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 8 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 8 (−33.33333%)
- (e) the degree of P is at least 8 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

6. **polyfit3**

For the 5 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 4)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 4 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 4 (−33.33333%)

- (e) the degree of P is at least 4 (-33.33333%)
- (f) P is always the minimal degree interpolational polynomial (-33.33333%)

7. **polyfit3**

For the 8 element vectors T and F , we issue the command $P=\text{polyfit}(T, F, 7)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 7 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 7 (-33.33333%)
- (e) the degree of P is at least 7 (-33.33333%)
- (f) P is always the minimal degree interpolational polynomial (-33.33333%)

8. **polyfit3**

For the 8 element vectors T and F , we issue the command $P=\text{polyfit}(T, F, 7)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 7 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 7 (-33.33333%)
- (e) the degree of P is at least 7 (-33.33333%)
- (f) P is always the minimal degree interpolational polynomial (-33.33333%)

9. **polyfit3**

For the 5 element vectors T and F , we issue the command $P=\text{polyfit}(T, F, 4)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 4 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)

- (d) the degree of P is exactly 4 (−33.33333%)
- (e) the degree of P is at least 4 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

10. **polyfit3**

For the 10 element vectors T and F , we issue the command $P=\text{polyfit}(T, F, 9)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 9 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 9 (−33.33333%)
- (e) the degree of P is at least 9 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

11. **polyfit3**

For the 4 element vectors T and F , we issue the command $P=\text{polyfit}(T, F, 3)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 3 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 3 (−33.33333%)
- (e) the degree of P is at least 3 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

12. **polyfit3**

For the 9 element vectors T and F , we issue the command $P=\text{polyfit}(T, F, 8)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 8 (33.33333%)

- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 8 (−33.33333%)
- (e) the degree of P is at least 8 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

13. **polyfit3**

For the 3 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 2)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 2 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 2 (−33.33333%)
- (e) the degree of P is at least 2 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

14. **polyfit3**

For the 10 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 9)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 9 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 9 (−33.33333%)
- (e) the degree of P is at least 9 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

15. **polyfit3**

For the 9 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 8)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)

- (b) the degree of P at most 8 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 8 (−33.33333%)
- (e) the degree of P is at least 8 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

16. **polyfit3**

For the 5 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 4)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 4 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 4 (−33.33333%)
- (e) the degree of P is at least 4 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

17. **polyfit3**

For the 9 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 8)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 8 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 8 (−33.33333%)
- (e) the degree of P is at least 8 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

18. **polyfit3**

For the 9 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 8)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)

- (b) the degree of P at most 8 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 8 (−33.33333%)
- (e) the degree of P is at least 8 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

19. **polyfit3**

For the 5 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 4)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 4 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 4 (−33.33333%)
- (e) the degree of P is at least 4 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

20. **polyfit3**

For the 8 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 7)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 7 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 7 (−33.33333%)
- (e) the degree of P is at least 7 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

21. **polyfit3**

For the 5 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 4)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)

- (b) the degree of P at most 4 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 4 (−33.33333%)
- (e) the degree of P is at least 4 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

22. **polyfit3**

For the 3 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 2)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 2 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 2 (−33.33333%)
- (e) the degree of P is at least 2 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

23. **polyfit3**

For the 3 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 2)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 2 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 2 (−33.33333%)
- (e) the degree of P is at least 2 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

24. **polyfit3**

For the 6 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 5)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)

- (b) the degree of P at most 5 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 5 (−33.33333%)
- (e) the degree of P is at least 5 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

25. **polyfit3**

For the 8 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 7)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 7 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 7 (−33.33333%)
- (e) the degree of P is at least 7 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

26. **polyfit3**

For the 8 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 7)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 7 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 7 (−33.33333%)
- (e) the degree of P is at least 7 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

27. **polyfit3**

For the 3 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 2)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)

- (b) the degree of P at most 2 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 2 (−33.33333%)
- (e) the degree of P is at least 2 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

28. **polyfit3**

For the 5 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 4)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 4 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 4 (−33.33333%)
- (e) the degree of P is at least 4 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

29. **polyfit3**

For the 3 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 2)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 2 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 2 (−33.33333%)
- (e) the degree of P is at least 2 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

30. **polyfit3**

For the 8 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 7)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)

- (b) the degree of P at most 7 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 7 (−33.33333%)
- (e) the degree of P is at least 7 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

31. polyfit3

For the 6 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 5)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 5 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 5 (−33.33333%)
- (e) the degree of P is at least 5 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

32. polyfit3

For the 3 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 2)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)
- (b) the degree of P at most 2 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 2 (−33.33333%)
- (e) the degree of P is at least 2 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)

33. polyfit3

For the 4 element vectors T and F, we issue the command $P = \text{polyfit}(T, F, 3)$.
Choose the true statement(s)!

- (a) it is possible, that P only approximates the points (33.33333%)

- (b) the degree of P at most 3 (33.33333%)
- (c) it is possible, that P fits exactly points (33.33333%)
- (d) the degree of P is exactly 3 (−33.33333%)
- (e) the degree of P is at least 3 (−33.33333%)
- (f) P is always the minimal degree interpolational polynomial (−33.33333%)