MATLAB Problem FINAL @

Reports

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The problem is saved as Final. It is now visible to learners when the course section is published. To edit this problem, click Set to Draft.

required fields

Title* 2

Matrix-vector multiplication as a linear combination of columns (practice 2)

Problem Description and Instructions* @

Normal ▼

TEXT

CODE

INSERT

Let the matrix again be

$$A = \begin{bmatrix} 1 & 6 & 8 \\ 2 & 7 & 11 \\ 3 & 8 & 14 \\ 4 & 9 & 17 \\ 5 & 10 & 20 \end{bmatrix}$$

Find a vector, x, such that Ax = b, where $b = [6, 7, 8, 9, 10]^{\mathsf{T}}$.

Think about how many such solutions, x, exist, and how this is related to the previous exercise.

Files Referenced @

None

+ Add file

Problem Type* 2



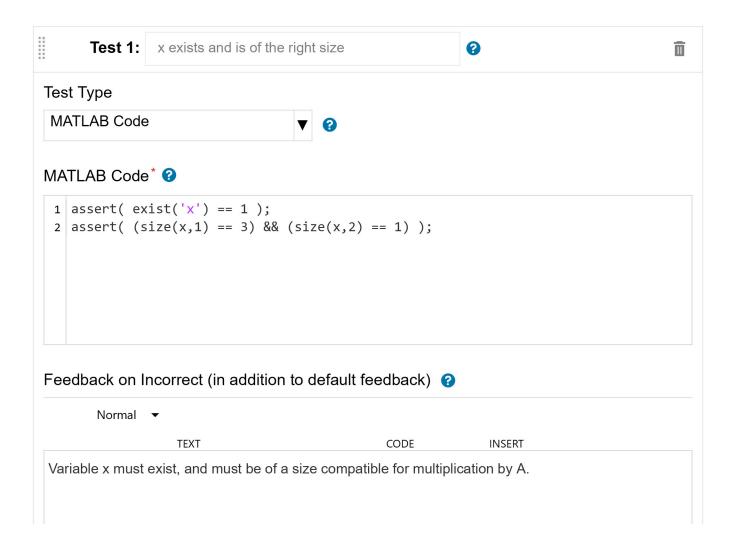
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Code

Assessment* 2

Assessment Method: Correct/Incorrect ▼ ②

Only show feedback for initial error ?



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✓ Pretest ?				
Test 2:	Check if x is correct		②	Ī
Test Type				
MATLAB Code ▼ ②				
MATLAB Code* ?				
assert(norm(A*x-b)<1e-4) Feedback on Incorrect (in addition to default feedback) ?				
Normal ▼				
	TEXT	CODE	INSERT	
Pretest ?				
+ Add Assessment				

Learner Preview Validate Reference Solution

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