

HOMEWORK 28

#	Question ID	Objective
1	5.7.1	Solve initial value problems.
2	5.7.3	Solve initial value problems.
3	5.7.5	Solve initial value problems.
4	5.7.6	Solve initial value problems.
5	5.7.7	Decouple an equation.
6	5.7.9	Find general solutions of $x' = Ax$ and determine trajectory shapes.
7	5.7.11	Find general solutions of $x' = Ax$ and determine trajectory shapes.
8	5.7.13	Find general solutions of $x' = Ax$ and determine trajectory shapes.

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#	Question ID	Objective
1	5.7.15	Find general solutions of $x' = Ax$ and determine trajectory shapes.
2	5.7.17	Find general solutions of $x' = Ax$ and determine trajectory shapes.
3	5.7.19	Find formulas for voltages and initial charge.
4	5.7.21	Find formulas for voltages and initial charge.

HOMEWORK 30

#	Question ID	Objective
1	6.1.1	Perform operations on vectors using the inner products.
2	6.1.3	Perform operations on vectors using the inner products.
3	6.1.6	Perform operations on vectors using the inner products.
4	6.1.9	Find a unit vector.
5	6.1.10	Find a unit vector.
6	6.1.13	Find the distance between vectors.
7	6.1.14	Find the distance between vectors.
8	6.1.15	Determine whether vectors are orthogonal.
9	6.1.18	Determine whether vectors are orthogonal.
10	6.1.23	Solve problems using inner products, vector length, and orthogonality.