

THE YLEPMAW

Jan 18 18

1. The first part of the work is devoted to the study of the general properties of the system. It is shown that the system is stable and that the solution is unique.

2. In the second part, we consider the case of a linear system. It is shown that the solution can be expressed in terms of the eigenvalues and eigenvectors of the matrix. The stability of the system is also discussed.

3. The third part of the work is devoted to the study of the asymptotic behavior of the solution. It is shown that the solution approaches a steady state as time goes to infinity.

4. In the fourth part, we consider the case of a nonlinear system. It is shown that the solution can be expressed in terms of the eigenvalues and eigenvectors of the Jacobian matrix. The stability of the system is also discussed.

5. The fifth part of the work is devoted to the study of the bifurcation behavior of the system. It is shown that the system undergoes a bifurcation at a certain value of the parameter.

6. In the sixth part, we consider the case of a system with a delay. It is shown that the system is stable and that the solution is unique.

7. The seventh part of the work is devoted to the study of the control of the system. It is shown that the system can be controlled to follow a desired trajectory.

1. $\frac{1}{2} + \frac{1}{3} = \frac{3}{6} + \frac{2}{6} = \frac{5}{6}$

A.1. $\frac{1}{2} + \frac{1}{3} = \frac{3}{6} + \frac{2}{6} = \frac{5}{6}$
A.2. $\frac{1}{2} + \frac{1}{3} = \frac{3}{6} + \frac{2}{6} = \frac{5}{6}$

2. $\frac{1}{4} + \frac{1}{5} = \frac{5}{20} + \frac{4}{20} = \frac{9}{20}$

A.1. $\frac{1}{4} + \frac{1}{5} = \frac{5}{20} + \frac{4}{20} = \frac{9}{20}$
A.2. $\frac{1}{4} + \frac{1}{5} = \frac{5}{20} + \frac{4}{20} = \frac{9}{20}$

3. $\frac{1}{6} + \frac{1}{7} = \frac{7}{42} + \frac{6}{42} = \frac{13}{42}$

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Total: $\frac{1}{2} + \frac{1}{3} = \frac{5}{6}$
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