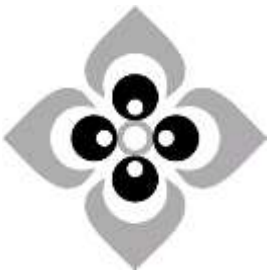

[Summary]

[Solution of Difference Equations]

Subject:	Business Economics
Course:	B.A., 6th Semester, Undergraduate
Paper No. & Title:	Paper – 631 Advanced Mathematical Techniques
Unit No. & Title:	Unit - 4 Difference Equations
Lecture No. & Title:	2: Solution of Difference Equations

Summary:

- The solution of second order difference equation is sum of homogeneous function and particular solution.
- The homogeneous function can be obtained by setting RHS of difference equation to be zero.
- The particular solution depends on functional form of g_x.
- General solution of the difference equation is sum of homogeneous function and particular solution.