

# GENEL SEMİNER

“A non-polynomial cubic spline method for the solution of second-order linear hyperbolic equations”

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**Özet:** In recent years, an extensive research has been done for developing and implementing modern high-resolution methods for the numerical solutions of the second-order linear hyperbolic equations. In this talk, second-order linear hyperbolic equations will be solved by using a new three level method based on non-polynomial cubic spline in the space direction and Taylor expansion in the time direction. Numerical results will be shown to reveal the fact that the three level method based on non-polynomial spline is effective.

*Tarih:* 16/12/2009

*Saat:* 15:00

*Yer:* İstanbul Kültür Üniversitesi  
Fen-Edebiyat Fakültesi, Erdal İnönü Seminer Salonu  
Ataköy Yerleşkesi, Bakırköy 34156, İstanbul