

LUNES 03**10:00-12:00****15:00-17:00 INSCRIPCIONES.****17:00-18:00 INAUGURACIÓN.**

18:00-18:40 Jaime E. Muñoz Rivera
Sobre el radio espectral esencial y sus aplicaciones a los sistemas dinámicos.

MARTES 04

9:00-9:40 Mauricio Sepúlveda
Numerical Methods for Viscoelastic and Thermoelastic Problems.

9:40-10:20 Mauro de Lima Santos
Porous-elastic system with localized damping.

10:20-11:00 Octavio Paulo Vera Villagrán
Decay rate of a pair of beam consisting of two identical layers uniform.

11:00-11:20 DESCANSO.

11:20-12:00 Pedro Marín Rubio
Robustness of Time-Dependent Attractors in H^1 -Norm for Nonlocal Reaction-Diffusion Equations.

12:00-12:40 Carlos A. Raposo
Exponential stability for a structure with interfacial slip and frictional damping.

12:40-14:40 ALMUERZO.

14:40-15:20 Huy Hoang Nguyen
Some new regularity results for elliptic problems

15:20-16:00 Pedro Gamboa
Asymptotic behavior of a flexible structure with Cattaneo type of thermal effect.

16:00-16:40 Gustavo Perla Menzala
Special evolution models in Partial Differential equations and Applications.

16:40-17:00 DESCANSO.

17:00-17:40 Xavier Carvajal
 L^2 -Concentration for a coupled nonlinear Schrodinger system.

17:40-18:20 Esptiben Rojas Bernilla
Algunos teoremas tipo Stone - Weierstrass.

18:20-19:00 Willy David, Barahona Martínez
A Dirichlet problem of type $p(x)$ - Kirchhoff via Fredholm alternative.

MIÉRCOLES 05

9:00-9:40 Yolanda Santiago Ayala
Wellposedness of a problem to one parameter and its behavior at the limit.

9:40-10:20 Gerardo Gómez Ávalos
Optimal design to a thermo viscoelastic model with Cattaneos law.

10:20-11:00 Rocío Estrella Rivera
Elastic models with point dissipation.

11:00-11:20 DESCANSO.

11:20-12:00 Dilberto da Silva Almeida Junior
New considerations on Dissipative Timoshenko Systems at Light of the Second Spectrum.

12:00-12:40 Ducival Pereira
Generalized Solution for a Mixed Nonlocal System of Wave Equations.

12:40-14:40 ALMUERZO.

14:40-15:20 César Arróspide M.
Modelos de Optimización de Inventario para Componentes Mayores Reparados, incorporando Indicadores de Confiabilidad.

15:20-16:00 Juan Amadeo Soriano
Exact controllability for a Thermodiffusión System with locally distributed controls.

16:00-16:40 Jesús Alejandro Ortiz Fernández
Ondículas ("WAVELETS"):Ciencia y Tecnología.

16:40-17:00 DESCANSO.

17:00-17:40 Zhuangyi Liu
Stability and Regularity of Solution to the Timoshenko Beam Equation with Local Kelvin-Voigt Damping.

17:40-18:20 Manoel Lucival da Silva Oliveira
Decay rates for a porous-elastic system.

18:20-18:50 SESIÓN DE POSTERS.**19:30 CENA.****JUEVES 06**

09:00-09:40 Martha Hilda Timoteo Sánchez.
Análisis Numérico para la ecuación de Helmholtz.

9:40-10:20 Verónica de Rosario Poblete Oviedo
Stability and lack stability in transmission problems with localized dissipation.

10:20-11:00 Felipe Poblete
A characterization of well-posedness for abstract Cauchy problems with finite delay.

11:00-11:20 DESCANSO.

11:20-12:00 Mauricio Cataldo Monsalves
Posibles futuras singularidades en la evolución del Universo.

12:00-12:40 Edinson Montoro Alegre
A study of the ellipsoid algorithm.

12:40-14:40 ALMUERZO.

14:40-15:20 Victor Martinez León
Stable singularities and stable leaves of holomorphic foliations in dimension two.

15:20-16:00 Claudio Fernández
Resonances and exponential decay.

16:00-16:20 Soledad Ramírez Carrasco
Clasificación de Campos Vectoriales usando la Transversal Completa.

16:20-16:40 Teófanés Quispe Méndez
Global Nonexistence For a System of Nonlinear Viscoelastic Wave Equation with p-Laplacian Operator.

16:40-17:00 DESCANSO.

17:00-17:20 Santiago César Rojas Romero
Explicit curves in the Fucik spectrum for a coupled system of second order.

17:20-17:40 Yony Raúl Santaría Leuyacc
Nonlinear Elliptic Systems in Lorentz-Sobolev Spaces.

17:40-18:00 Raúl Sánchez Ancajima
Existence of weak solution for a non-linear parabolic problem with fractionary derivative.

18:00-18:20 Emilio Castillo J.
A Nonlinear Heat Equation Involving The Fractional P-laplacian With Viscoelastic Term.

18:20-18:40 Rosario Collatón Chicana
The application of mathematics to the social sciences in the last 80 years.

VIERNES 07

9:00-9:20 Luis Javier Vásquez Serpa
Stochastic Differential Equations:
Financial Derivatives in the Black & Scholes Economy

9:20-10:00 Angel Rivera Solis
The rings of Gaussian Kernel, Properties of a functional space in the machine learning.

10:00-10:40 Hugo D. Fernández Sare
Nonlinear thermoelastic Bresse system:
global existence and exponential stability.

10:40-11:20 Sebastiao Martins Siqueira Cordeiro Cordeiro
On the Nature of the light of de second spectrum of one dissipative thimoshenko systems of Type II: Asymptotic Behavior.

11:30 CLAUSURA.

SESIÓN DE PÓSTERS

- Alexis Rodríguez Carranza.
- Benito Leonardo Ostos Cordero.
- Leopoldo Córdova Lázaro.
- Frank Acasiete Quispe.
- Manuel Ramírez Carrillo.
- William Olano Díaz.



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LIMA, DEL 03 AL 07 DE JULIO DE 2017

Inscripciones e Inauguración : Auditorio Rosa Alarco Larrabure (sótano de la Biblioteca Central-UNMSM)
Conferencias : Auditorio Pedro Humberto Rivera Rodríguez (F. de Ciencias Matemáticas)