

**Journées: Algèbre, Théorie des Nombres et Leurs Applications  
OUJDA. 4 - 5 Décembre, 2015.**

**PROGRAMME**

**Vendredi 4 Décembre 2015**

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- 08:00–09:00** Accueil et inscription des participants.  
**09:00–09:15** TAOUFIK SERRAJ(FS. Oujda): Securing Elliptic Curve Cryptosystems in the Presence of Side Channel Attacks.  
**09:20–09:35** NOURA OUERDI(FS. Oujda): Neural Network technique for EMV card vulnerability detection.  
**09:40–09:55** DOUZI YOUSSEF(FS. Oujda): Signing Digital Images Using ANN.
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**Pause-café**

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- 10:30–10:45** SOUILAH KHALID(FS. Oujda): On additive preservers of certain classes of algebraic operators.  
**10:50–11:05** ASMAE DRHIMA(FS Meknes): Duality for Modules and Applications to Decoding Linear Codes over Finite Commutative Rings.  
**11:10–11:25** SAID ARRAZOUAKI(FP. Taza): Remarks on the  $\lambda_p$ -invariants of cyclic fields of degree  $p$  with prime conductor  $l$ .
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**Déjeuner**

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- 15:00–15:15** ABDERRAHIM MAKKI NACIRI(FS. Marrakech): On  $T$ -sequences on integers.  
**15:20–15:35** ALI TAMOUSSIT(FS. Marrakech): On the flatness of integer-valued polynomials ring  $\text{Int}(D)$  as  $D$ -module.  
**15:40–15:55** OMAR OUZZAOUIT(FS. Marrakech): Hilbert rings and  $G$ (oldman)-rings issued from amalgamated duplications of rings.
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**Pause-café**

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- 16:30–16:45** NAJIM MANSOUR(FS. Kenitra): Symplectic Faddeev Jackiw Quantization of Massive Bosonic Open String and Totally Noncommutative Phase Space.  
**16:50–17:05** MOHAMED AMINE NEJJARI(CRMEF. Oujda): Hermitian Banach algebras without algebraic zero-divisors.  
**17:10–17:25** SOULLAMI ABDELAZAK(FS. Casablanca) : Sur la formule du tour du discriminant des modules bilinéaires.  
**17:30–17:45** DRISS KARIM(FST. Mohammadia): Direct limits of finite products of fields.
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Samedi

5 Décembre 2015

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- 09:00–09:15** SIHAM AOUISSI(FS. Oujda): Sur la capitulation des 3-classes d'idéaux de la clôture normale d'un corps cubique pur.
- 09:20–09:35** ZHOUR OUMAZOUZ(FS. Oujda): Sur le  $p$ -corps de classes de Hilbert d'un corps cyclique de degré premier impair.
- 09:40–09:55** MOHAMED TALBI (CRMEF. Oujda): Principalisation dans  $k = \mathbb{Q}(\sqrt{d}, \sqrt{-3})$  de type  $(3, 3)$ .

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**Pause-café**

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- 10:30–10:45** ABDELKADER ZEKHNINI(FP. Nador): On the equation  $X^2 - \epsilon_2\epsilon_{p_1p_2}\epsilon_{2p_1p_2} = 0$ .
- 10:50–11:05** MOHAMMED TALBI(CRMEF. Oujda): Construction des sous-extensions de  $k_3^{(1)}|k$  où  $k = \mathbb{Q}(\sqrt{-3}, \sqrt{d})$  est de type  $(3, 3)$ .
- 11:10–11:25** IDRIS JERRARI(FS. Oujda): Construction of the Hilbert 2-class field of a cyclic quartic number field.
- 11:30–11:45** MOHAMMED TAOUS(FST. Errachidia): Quelques remarques sur le groupe de Pólya d'un corps de nombres abélien de type CM.
- 11:50–12:05** MOHAMMED SABIRI(FST. Errachidia): Codes correcteurs multivariés.

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**Déjeuner**