

$< \frac{1}{2} \{ \{ -v, \hat{u}'y \} \oplus y$

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| <p>$\ddot{i} \grave{e} \dagger$ •</p> | <p>CHEN ZHIWEN $w < \frac{1}{2} \{ \{ -v, \hat{u}'y \} \oplus y \} _ \hat{a} \%_0, -$ $P: \hat{u})$ $? ; 2 \ x$</p> |
| <p>$\ddot{i} \grave{e} \mathcal{A}_s$</p> | <p>Exploring the hydrogen storage properties of Cr-added TiFe alloys and LiH porous Si composites $\mathcal{W}Cr \ L \ TiFe \ \acute{o} \ \ddot{y} \ \neq \ \hat{a} \ \hat{I} \ LiH \ v \ \langle \ Si \ P \acute{o}$ $\neg \ \grave{o} \acute{E} \ f \ \neq \ j : N \ \grave{n} \acute{E} \ U \ \S \ x$</p> |
| <p>:</p> | <p>$\grave{E}' \ 7 \ 0 \ 2 \ \%_{18} \ 13:00 \acute{I} \ 15:00$</p> |
| <p>β &</p> | <p>108 o 4</p> |
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$v \grave{a} \acute{E}^1 \oplus \acute{i} \ G^2 \grave{U}'$

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| <p>ï è Æ, x</p> | <p>Precise synthesis of hydrocarbon polymers using 1,1- disubstituted olefins and their applications as bio- based materials w,1- š W m ü > ' õ E í Ÿ ° x „ f ¥ / < 0 J É } E ó ° Ñ a K 1 - ð Ñ ² Á É Ö x</p> |
| <p>:</p> | <p>Ë ' 7 0 2 % 18 14 % 30 Í 16 % 00</p> |
| <p>ß &</p> | <p>116 0 4</p> |
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| <p>$\ddot{i} \grave{e} \dagger$ •</p> | <p>$\rangle K /$ $w < \frac{1}{2} \{ \{ -v, \hat{u}'y \} \oplus y _ \hat{a} \%_ , -$ $+J 9E) ? ; 2 x$ 0 J ö</p> |
| <p>$\ddot{i} \grave{e} \text{Æ}_s$</p> | <p>Control of Photophysical Properties through the Introduction of Heteroatoms into Non- n Š • OE • Conjugated Systems $w / \cdot \grave{i} \tilde{A} \ll ' \acute{O} \acute{E} * ? " \neq \acute{E} \rho \gg \text{Æ} \tilde{a}$ $\text{æ} K \tilde{n} \acute{E} ! \hat{A} x$</p> |
| <p>:</p> | <p>$\grave{E}' 7 0 2 \%_{18} \quad 16 \%_{10} \acute{I} 17 \%_{30}$</p> |
| <p>β &</p> | <p>116 o 4</p> |
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$v \grave{a} \acute{E}^1 \oplus \acute{I} G^2 \grave{U}'$

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| $\ddot{i} \grave{e} \dagger$ | \cdot | $\rangle v \quad \in$ $w < \frac{1}{2} \{ \{ -v, \hat{u}' y \} \otimes y \} _ \hat{a} \%_ , -$ $? ; 2 x$ | $\ddot{o} ,)$ |
| $\ddot{i} \grave{e} \mathcal{A}_s$ | | <p>Development of Functional Structurally Colored Materials</p> <p>Composed of Spherical Particles as Environmentally Benign Colorants</p> $w \hat{a} > \grave{a} e \neg \acute{i} \acute{O} \ddot{u}^2 \circ \mathfrak{P} \acute{a} \grave{n} i < \phi$ $\grave{u} \grave{o} \dagger e \grave{n} \neg \grave{d} \acute{E} \ddot{i} \dagger x$ | |
| $:$ | | $\ddot{E}' 7 0 2 \%_{19}$ | $10 \%_{10} \acute{I} 11 \%_{30}$ |
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| $\ddot{i} \ddot{e} \dagger$ | <p>$\neg K \{$ $w < \frac{1}{2} \{ \{ -v, \hat{u}'y \} \otimes y \} _ \hat{a} \% _ , -$ $? ; 2 x$</p> |
| $\ddot{i} \ddot{e} \mathcal{A} \mathcal{E}_s$ | <p>'ù ö 0 Ë ¿ É i Ê ó ö 1 É à L • ì Ñ J c - "</p> <p>Numerical analysis and data-driven prediction of fluid-particle dynamics inside face masks</p> |
| : | <p>Ë ' 7 0 2 %17 13:00 Í</p> |
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| ï è † • | MORA MARTINEZ EDGAR DAVID w < 1/2 { { -v, û 'y ® y ! _ â % , - H ß ' â > û) ? ; 2 x |
| ï è Æ, ß | Application of Generative Design to Improve the Seismic Performance of Structures with Steel Dampers w _ L E # J í s £ ° " o K Æ ¥ ¬ æ ' W ñ á í ü e ° ¶ æ ° Ü É ù > J ò (ß ö E É ~ x |
| : | Ë ' 7 0 2 % 20 9:00 Í 11:00 |
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| ù | KHAJI NASER |

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| <p>ï è Æ,</p> | <p>ÿ " Æ É z - L û , É) < E " Æ ¥ ¬ æ : Ó µ K É • " ã - " Elucidation and Prediction of Time- dependent Phenomena in Springback of Sheet Metals after Bending x</p> |
| <p>:</p> | <p>Ë ' 7 0 2 % 19 14:35 - 16:05</p> |
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| $\ddot{i} \grave{e} \dagger \bullet$ | $w \rangle G$ $w < \frac{1}{2} \{ \{ -v, \hat{u}' y \} \otimes y ! _ \hat{a} \%_0, -$ $? ; 2 x$ |
| $\ddot{i} \grave{e} \mathcal{A}_s$ | $\{ b \beta \}; 0 \bullet \ddot{E} \langle \mathcal{A} \tilde{a} \tilde{a} \langle \acute{y} \acute{E}$ $\neg \text{ " o f ' ñ ! \hat{A} \tilde{A} f' \acute{O} \acute{E} \ddot{O}$ Control of Pore Structure and Affinity for Silica Membranes by Atmospheric Pressure Plasma Surface Modification and Application to Separation of Aqueous Solutionsx |
| $:$ | $\ddot{E}' 7 0 2 \%_{017} 10:30 \acute{I}$ |
| $\beta \&$ | $117 \text{ o } 4$ |
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| $\ddot{i} \grave{e} \dagger$ | $\text{\AA} \text{\ae} ' 3$ $w < \frac{1}{2} \{ \{ -v, \hat{u}' y \} \} \oplus y ! _ \hat{a} \% _ , -$ |
| $\ddot{i} \grave{e} \text{\AE},$ | <p> $T \acute{o} \grave{o} \text{\AE} \text{\pounds} \neg \text{\ae} E V ' 7 \dagger \emptyset \% c \quad \text{\AA} ;$ $\hat{o} > \text{J} _ \text{\AE} \acute{E} \grave{a} \tilde{n} ' 7 \acute{a} \rangle c \% \dots \tilde{n}$ $L \text{\AE} \grave{U} ' \text{\ae} \text{\textcircled{R}}$ </p> <p> Study on Measures to Prevent Fatigue Cracks and the Brittle Crack Arrest Toughness of Crack Arrester Steel Plates for Ship Hull Structures x </p> |
| $:$ | $\text{\ddot{E}} ' 7 0 2 \% 14 \quad 17 \% 30 6 \hat{E}$ |
| β | $\& 109 \acute{i} 4 wNK \text{Room} x$ |
| $ $ | $\rangle \text{\ae} \text{\textcircled{S}}$ |

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| <p>ï è Æ,</p> | <p>- A ö 6 l > J AM è Æ ã æ W Þ á ñ đ o Ÿ è É Ī † Development of Hot wire Laser Additive Manufacturing Technology for High- functional Materials</p> |
| <p>:</p> | <p>Ë ' 7 0 2 % 20 17 % 6 Ê</p> |
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| <p>ï è Æ_s</p> | <p>Studies on the Complexity of Quadratic Unconstrained Binary Optimization Problems WUBO b Æ É P C ° Æ Ù ' æ ® x</p> |
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| ï è Æ , | T Q " o " ~ É DX Æ Ù ' æ ® Studies on Digital Transformation in Ship Structural Designx |
| : | Ë ' 7 0 2 % 19 10:00 Í |
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| <p>ĩ è Æ ,</p> | <p>A Study on Process Evaluation of Concept Map Recomposition</p> <p>w ' þ 0) Ð " ° É) ? , Æ Û ´ æ ® x</p> |
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| <p>ï è Æ,</p> | <p>v Ð W²⁰ ? - J = í Š' æ p) > J Æ ã æ m î ! Â ù H %₀ ³ (> J É • h Þ " Æ ù ' æ ® Study on Delayed Action Mechanism of Displacement Restraint Buckling- Restrained Brace Using Gusset Plates with Multiple Slot Holes x</p> |
| <p>:</p> | <p>Ë ' 7 0 2 %₁₈ 14 %₀₀ Í</p> |
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v à É¹ ® í G² ù '

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| $\ddot{e} \dagger \bullet$ | $\gamma \otimes = n$ $w < \frac{1}{2} \{ \{ -v, \hat{u}' y \} \otimes y _ \hat{a} \%_ , - \quad \text{P} : \hat{u} \}$ $? ; 2 \ x$ |
| $\ddot{e} \ \mathcal{A}_s$ | <p>Control Methods for Automating Hydraulic Excavators: Position Control, Force Control and End Effector Position Estimation</p> $w \text{---} \beta \ 9 + = \acute{E} / c , \acute{E} \circ \ddot{U} \acute{E} \hat{W} ! \hat{A} \{$ $! ! \hat{A} \neq \hat{a} \hat{O} - \hat{W} Y - \mathcal{A} \ddot{U} ' \ae \ddot{O} \neq x$ |
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| <p>ï è Æ,</p> | <p>A Study on Wavelet based Approaches and Their Implementations for Software Reliability Assessment $w ' \emptyset \hat{u} \hat{o} . \hat{A} \hat{n} , \text{ Æ } c ' \text{ æ } \emptyset \hat{u} J (>$ $\text{Ö} \neq \text{Ã} , \text{É } 1 : \text{Æ } \hat{U} ' \text{ æ } \text{® } x$</p> |
| <p>:</p> | <p>Ë ' 7 0 2 %18 13 %00 Í 14 %00</p> |
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| $\ddot{i} \grave{e} \dagger \bullet$ | $q' \{ c \}^1$ $w \langle \frac{1}{2} \{ \{ -v, \hat{u}' y \} \} \oplus y ! _ \hat{a} \%_ , - k 0) ?$ $; 2 x$ |
| $\ddot{i} \grave{e} \mathcal{A},$ | $\hat{a} p v \hat{O} \hat{A} \hat{A} \hat{i} \hat{z} \mathcal{A} \mathcal{E} \mathcal{Y} \neg \mathcal{a} \hat{a} \acute{E} \acute{o} 4 \hat{A} [\grave{a} \ddot{u} \acute{E} \acute{o} \acute{O} N \hat{n}$ $\mathcal{A} \hat{U} ' \mathcal{a} \oplus$ $6 \mathcal{A} \neg \sim \hat{N} \acute{E} \hat{U} \frac{1}{4} \hat{A}^a \hat{a} \mathcal{A} \& - \mathcal{A} \ddot{u} \neg \circ J E \hat{O} \mathcal{Y} \acute{E} \hat{I} \dagger \mathcal{A} \ddot{u}$ $\neg \hat{A} 6 \mathcal{A}$ Study on Spatial Distribution Characteristics of Food Experiences and Stay Patterns in Urban Centers of Regional Cities - For developing a zoning methodology for strategic planning of community development in appropriate locations and methods x |
| $:$ | $\ddot{E} ' 7 0 2 \%_{19} 15:50 \acute{I}$ |
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| $\ddot{e} \mathcal{A}_s$ | $1 : \acute{O} \ddagger \sim , ! \hat{A} Y - \ddot{O} \neq \mathcal{A} \hat{A}^a \hat{u} r f$ $c ! \hat{A}$ (Vehicle dynamics control based on online optimization control and estimation methods) |
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$$\underline{v \grave{a} \acute{E}^1 \otimes \acute{I} G^2 \grave{U}'}$$

論文発表者

SHARMA APURBA

(広島大学大学院先進理工系科学研究科博士課程後期機械工学プログラム)

論文題目

Flame behavior and emission characteristics of high temperature air combustion fueled ammonia and methane in a bench-scale furnace

(ベンチスケール炉におけるアンモニア・メタンを燃料とする高温空気燃焼の炎挙動と排出特性)

日 時

日 17:00～