

„~~1/4~~Дүй -»сДН, 2019

ÜÙÚÛ - ¥¢™ º±³´µ¶ (SEM-2)	ÐàÝÐ-Ç – 5 (C. E.- 4.2.2. New) (YÜUHeaÐCaÐ¼-añ-Dj²ç ç¢- TacVcY)	xq¢¢: - 70
ç±²: - „ñîïðñ		
ç¹V: - 15/04/2019		„)²: -11.00 ¼ 02.00

Dif } 00Ç ± Ç¼:

$$\text{Đã Ý: } 1 \quad \text{ÜS}^2\text{ç}^{\text{TM}}\text{ÎÜS}^2 \text{ Æ}^2\text{QW}^2\text{ç ÜÜS}^2\text{QW} \quad (05)$$

- (1) $\zeta_{\pm} \{ i; \zeta_Y M D \dagger c d \frac{1}{4} D C \hat{\Gamma}^2 \frac{1}{4} J$
(2) $\} \ddot{o} y e D C \# i: \zeta_{\pm} \hat{o} \{ \tilde{A}^2 o w^2 \frac{1}{4} J$

[illegible]

- (1) $\text{YÜÜH} \text{ac} \text{--} \text{Đ} \text{ac} \text{Đ} \frac{1}{4} \text{à} \text{Y} \text{S}^2$ „ $\text{N} \text{y} \text{Đ} \text{Đ} \text{Đ} \text{Đ}^{\text{TM}} \text{a} \text{đ} \text{H} \text{Đ} \frac{1}{4} \text{J}$
- (2) $\text{YÜÜH} \text{ac} \text{Đ} \text{à} \text{Y} \text{Y} \text{Đ} \text{Đ} \text{ca} \text{ÜÜ}^2 \text{ÜÜÜ} \text{Đ} \text{c} \text{Y} \text{M} \text{Đ} \text{Đ} \text{ca} \text{ÜÜ} \frac{1}{4} \text{J}$

$$\frac{1}{4} \leq \frac{1}{2} \leq \frac{3}{4}$$
$$\text{Đã Ý: 3} \quad \text{ÜÜ}^2\text{ç}^{\text{TM}}\text{ÎÜÜ}^2 \text{ Ä}^2\text{ÜÜ}^2\text{ç} \text{ ÜÜ}^2\text{ÜÜ} \quad (05)$$

- (2) $2f(x)f(y) = f(x+y) + f(x-y)$

$$\text{DaY: } 4 \quad \text{ÜS}^2 \text{c}^{\text{TM}} \text{TÜS}^2 \text{cYi} \{ \text{q} \} \text{ÜY} \text{©} \text{Üa} \text{H} \text{¶} \frac{1}{4} \text{J} \quad (10)$$

- (1) §EÚS² ...x¼: ÜÜq+i ¥Ððœ Ðç¼Ðcl „ }œ{ÇyãUUL¼ J
- (2) àæÎàöYxèUÜßÐÎçföY Æ²ow²¼ J

$$\frac{1}{4} \leq \phi_k \leq \frac{1}{4}:$$

Dəy: 5 **ÜS²™İÜS²A²On²O)UUD©UJaH¶¼J** **(05)**

- (1) $\mathbb{S}^1 \times \mathbb{S}^2 \rightarrow \mathbb{S}^1 \times \mathbb{S}^2$ by $(x, y) \mapsto (x, y)$
- (2) $\mathbb{D}^2 \times \mathbb{D}^2 \rightarrow \mathbb{D}^2 \times \mathbb{D}^2$ by $(x, y) \mapsto (x, y)$

$$\text{DaY: } 6 \quad \text{ÜS}^{2\text{TM}} \text{ÜS}^{2\text{cYi}} \{ \text{q} \} \text{ÜY} \text{©Üa} \text{H} \text{¶} \frac{1}{4} \text{J} \quad (10)$$

- [illegible]

$$TM_{1/4} \neq 0 \pm C_{1/4}$$
$$\text{ĐaY: 7} \quad \text{ÜS}^2\text{ç}^{\text{TM}}\text{ÛS}^2 \text{Ä}^2\text{QW}^2\text{ç ÜU}^2\text{QW} \quad (05)$$

- [illegible]

$$\text{Đã Y: } 8 \quad \text{ÜÜ}^2 \text{ç}^{\text{TM}} \text{ÎÜÜ}^2 \text{çYİç} \{ \text{ç} \} \text{ÜÜç} \text{©ÜÜçH} \text{¶} \frac{1}{4} \text{J} \quad (10)$$

- [illegible]

[illegible]

- [illegible]

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