

$\hat{A}$

ÁÙÀ¹Ô,Ô·éÒÇà·¾;ÃĐÉÑµÃÕ ·éÒÇÈÃÕÊØ¹.Ã

22/61-63 ¶.ËÅÇ§¾èÍÇÑ'©ÁÍ§ μ.μÀÒ'ãË-è

Í.àÁ×Í§ ¨.ÀÙà;çµ 83000

[illegible]
$$\hat{A} \times \hat{B} = \hat{C} \quad \text{if and only if} \quad \hat{A} \cdot \hat{B} = \hat{C} \cdot \hat{D}$$

àÃÖÂ¹¼ÙèÍÓ¹ÇÂ;ÒÃÊÓ¹Ñ;§Ò¹¼ÃÐ¾Ø,ÈÒÊ¹Ò~Ñ§ËÇÑ'ÀÙà;çµ

´éÇÁÁÛÁ¹Ô,Ô·éÒÇà·¾;ÃÐËÑµÃÕ ·éÒÇÈÃÕËØ¹·Ã ä´éÃÑ°ÇÒÁàÁµòµÒ·Ò;¾ÃÐÇÃÛÇÃ;ÔµµÔâÊÁ³
 (ËÃÇ§¾éÍàÈÃÉ°Õ)áÈè§ÇÑ¹ÒÇ»Ã; ¡,¡Ø§à·¾Í ÁÍ°µé¹¾ÃÐËÃÕÃËÒâ¾,Ôì·Ò;¾Ø·,ÇÀÒ °Ò¹Ç¹ ñò µé¹
 à¾¾×éÍàÈÈ·Ò§ÁÛÁ¹Ô,Ô·éÒÇà·¾Í ¹ÓÁÒ»ÁÛ;·Òè·Ñ§ËÇÑ¹ÀÛà;çµ
 °Ñ¹ÔéÁÕË¹èÇÁ§Ò¹·Òèá´é§ÇÒÁ»ÃÐË§µ ·Òè·Ð¹Óµé¹¾ÃÐËÃÕÃËÒâ¾,Ôìä»»ÁÛ;¡ÁéÇ ò µé¹ ÁÕ¹Ñ§¹Ôé
 ñ.ÇÑ¹©ÁÍ§ ò.àÇÒ¹ÒÇà;Ô´ ó.ÁÈÒÇÒ·ÀÒÃÑÃÃÒ³ÃÑ®ÀÛà;çµ ô.ÇÑ¹áÈÃÁËÑ; ·;ÃÐ°Òè
 ò.ÉÒ¹Ñ;Ê§;¡ÃÇÁã· ·.¾Ñ§§Ò ÃÑ§Ç¾§àÈÃ×ÍÍÒ;·Ò¹Ç¹ ÷ µé¹ ÇÐ;ÃÃÁ;ÒÃ°ÃÕËÒÃÇÍ§ÁÛÁ¹Ô,Ô·éÒÇà·¾Í
 ÁÒÃµÒâÈÇ¹ÇèÒ¹èÒ·ÐÁÍ°µé¹¾ÃÐËÃÕÃËÒâ¾,ÔìäÈé;Ñ°ÇÑ¹ã¹µèÒ§·Ñ§ËÇÑ¹·Ñé§ ñò
 ·Ñ§ËÇÑ¹´éÇÁà¾¾×éÍàÈÈá»Ç¹µÑÇá¹·Ò§¾ÃÐ¾Ø·,ÈÒÊ¹Ò ´Ñ§¹Ñé¹ÁÛÁ¹Ô,ÔÌ
 ·Ò§ãÇÀèÇÍÇÒÁÃèÇÇÁÁ×Í¹Ò;·èÒ¹ã¹;ÒÃ·ÓË¹Ñ§Ë×Íá¹´é§ã»ÃÑ§ÇÑ¹µèÒ§ æ ã¹àÇµÀÒÇãµéÁ;àÇé¹ ;ÃÐ°Òè
 ¹ÇÀÈÃÕ,ÃÃÃÃÒ³ ¾Ñ§§Ò áÃÐÀÛà;çµ «Òè§ã´éÃÑ°áÁéÇ
 á¹ÃÁÒà§×éÍ¹àÇÇèÒÇÑ¹´··ÒèµéÍ§;ÒÃµé¹¾ÃÐËÃÕÃËÒâ¾,ÔìäÈé·ÓË¹Ñ§Ë×Íá¹´é§ÁÒÃÑ§ÁÛÁ¹Ô,ÔÌ
 á¹Ãá¹°á¹¾¹¾Ñ§Ë¹Ò¹·Òè»ÁÛ;·ÒèàÈÃÒÐËÁ à»Ã¹Èè§ã°µÍ°ÃÑ°ÀÒÃÑ§ÁÛÁ¹Ô,ÔÌ ÀÒÃã¹ÇÑ¹·Òè òò
 ¾ÃËÈÀÒÇÁ òòòò

ÀÙÀ¹Ô,Ô·éÒÇà·¾Í ·Ö§ã·ÃèÇÍÇ¹ºØ³ã¹·ÇÒÁÃèÇÁÁ×ÍÇÍ§·èÒ¹áÅÐË¹èÇÂ§Ò¹
ËÇÑ§à»ç¹ÍÃèÒ§ÂÔè§ÇèÒº§á'èÃÑº·ÇÒÁÃèÇÁÁ×Íáªè¹¹ÒéÍÕ;ã¹áÍ;ÔÈµèÍá»

ϣÍÍÓ¹Ò¨¨ÒÃÃÕϣÍ§·éÒÇà·¾;ÃÐÉÑµÃÕ·éÒÇÈÃÕÊØ¹·Ã
ä´êâ»Ã´·ÃºÑ¹·ÒÃãÉÉ·èÒ¹»ÃÐÊ¾áµèµÇÒÃÊØϣµÇÒÃà¨ÃÔ·µÃÍ´ä»

Â Â Â Â ¢ÍáÊ'§¤ÇÒÁ¹Ñº¶×Í

$$\hat{A} \left({}^1\tilde{O}_{\xi_j} \cdot \hat{O}^a \tilde{O}_{\mu i} \right) \zeta \tilde{N}^{213/4} \tilde{N}^1, \emptyset i)$$

àÅ¢Ò¹Ø;ÒÃ³Ð;ÃÃÁ;ÒÃ°ÃÔËÒÃ

$$\text{ÁÙ}^1\text{Ô}_\text{Ô}\cdot\text{éÒÇ}\text{à}^{\frac{3}{4}}\text{;}\tilde{\text{ĂĐÉ}}\tilde{\text{Ñ}}_\mu\tilde{\text{Ă}}\tilde{\text{Ô}}\cdot\text{éÒÇ}\tilde{\text{Ă}}\tilde{\text{Ô}}\hat{\text{Ø}}^1\cdot\tilde{\text{Ă}}$$
 $\hat{A} \hat{A} \hat{A} \hat{A}$

μÔ´μèÍÊÓ¹Ñ;§Ò¹àÅ¢Ò¹Ø;ÒÃÏ

076-222854 076-222861

 $\hat{A} \hat{A} \hat{A}$

ã°µÍ°ÃÑ°ÍÑ-àªÔ-µé¹¾ÃÐÈÃÕÁËÒâ¾,Ôì

ÍÒµÁÒÀÒ¾.....à´éÒÍÒÇÒÊÇÑ´

Ê¶Ò¹·ÕèµÑés.....

à°ÍÃìâ·ÃÈÑ¾·ì.....ázj«ì.....

ÁÕ¤ÇÒÁ»ÃÐÊ§¤ì`Ð¢ÍÍÑ-àªÔ-µé¹¾ÃÐÈÃÕÁËÒâ¾,Ôì`ÒìÁÙÁ¹Ô,Ô·éÒÇà·¾jÃÐÉÑµÃÕ·éÒÇÈÃÕ
ÊØ¹·Ã

ä»»ÃÐ´ÔÉ°Ò¹äÇé³ ÇÑ´¢Í§ÍÒµÁÒÀÒ¾

à¾×èìà»ç¹ÈÙ¹ÃìÃÇÁ´Ôµã´¢Í§¾Ø·,ÈÒÊ¹Ôì¹·ÑésËÀÒÃ

áÃÐà¾×èìÃèÇÁà©ÃÔÁ©ÃÍ§¾ÃÐ¾Ø·,ÈÒÊ¹Òà´ÃÔ-ÍÒÃØ¤Ã° ò,öðð »Õ´éÇÃ

ãìÒÃ¹ÕéÍÒµÁÒÀÒ¾ä´éÃÑ°·ÃÒ°à§×èì¹ä¢

ãìÒÃÍÑ-àªÔ-µé¹¾ÃÐÈÃÕÁËÒâ¾,Ôì`ÕáÃéÇ

áÃÐÃÕ¤ÇÒÁ¾ÃéÍÁ´ÕÍÃÙèáÃéÇ

`Ò§¢ÍÍÑ-àªÔ-µé¹¾ÃÐÈÃÕÁËÒâ¾,Ôìä»»ÃÐ´ÔÉ°Ò¹ÃÑ§ÇÑ´ µèìä»

¢Íà´ÃÔ-¾Ã

(.....)

à´éÒÍÒÇÒÊ.....

à§×èì¹ä¢jÒÃÍÑ-àªÔ-µé¹¾ÃÐÈÃÕÁËÒâ¾,Ôì

ñ. µéÍ§ÃÕÊ¶Ò¹·Õè»ÃÙì·ÕèàËÁÒÐËÁ à¾ÃÒÐà»ç¹ÊÑ-ÃÑìÉ³ìá·¹§¤ì¾ÃÐÉÑÁÁÒÊÑÁ¾Ø·,à´éÒ
àªè¹ äÃèÍÃÙè´éÒ¹ËÃÑ§¢Í§ÇÑ´ äÃèÍÃÙèãjÃéãÃ§¤ÃÑÇ äÃèÍÃÙèã¹·Õè·Ò§¹éÓÊj»ÃjãËÃ¼èÒ¹

ò. µéÍ§ÃÕà¹×éÍ·Õè»ÃÙìjà¼×èìµé¹äÃéãË-è»ÃÐÁÒ³ 10 x 10 àÁµÃ

ó. ¢ÇÃÃÃÕ¤ÇÒÁ¾ÃéÍÁãìÒÃ°ÓÃØ§´ÙáÃÑìjÉÒ à¾ÃÒÐµé¹ËÃÕÁËÒâ¾,Ôì`Òì¾Ø·,¤ÃÒ
µéÍ§´ÙáÃÑìjÉÒÍÃèÒ§¶ÙjÇÒ_Õ ¢×Í µéÍ§Ã´´éÇÃ¹éÓÊÐÍÒ´ µéÍ§Ã´´éÇÃ¹ÃÉ´ÍÒ·ÔµÃìÃÐ ò ¢ÃÑés
µéÍ§äÃèãËè»ØÃ·ÕèÃÕÁÙÃÊÑµÇì µéÍ§ÃÕÃÑéÇÃéÍÁÃÍ°µé¹

ô. àµÃÕÃÁá·è¹»Ù¹à¾×èìäÇéãªéÃÍ§á¼è¹»èÒÃËÒ¹ájÃ¹Ôµ·Õè·Ò§ÁÙÁ¹Ô,Ôì
ájÐËÃÑj»ÃÐÇÑµÔ·ÕèÃÒ¢Íµé¹ËÃÕ¾ÃÐÁËÒâ¾,Ôì¹ÕèãËËé·Ò§ÇÑ´¢¹Ò´ jÇéÒ§ 60 «Á. ÃÒÇ 40
«Á.[Ë¹èì¾ÃÐÈÃÕÁËÒâ¾,Ôì¾Ø·,¤ÃÒ](#)

»ÃÐÇÑµÔÈÒÊµÃì»[ÃÐÇÑµÔÈÒÊµÃì](#)

»Ò³ÔÈÃÒ(ìj)ÃªÙ¹Ã

¼ÙéªèÇÃËÁÒÃàËµØÃÑìjÉì