

ፎርምላዎች

- I. $\exists x (P(x) \rightarrow Q(x))$ ለሁሉም x , $P(x)$ እና $Q(x)$ ለተሰጠው ድምፅ የሚያሳዩት ማህተም ለሁሉም x እና y ለሚከተሉት ሁኔታዎች የሚያሳዩት ማህተም ነው፡
 - i. $\forall x (P(x) \rightarrow Q(x))$
 - ii. $\forall x (P(x) \wedge Q(x))$
 - iii. $\forall x (P(x) \vee Q(x))$
- II. $\forall x (P(x) \rightarrow Q(x))$ ለሁሉም x , $P(x)$ እና $Q(x)$ ለተሰጠው ድምፅ የሚያሳዩት ማህተም ለሁሉም x እና y ለሚከተሉት ሁኔታዎች የሚያሳዩት ማህተም ነው፡
 - i. $\forall x (P(x) \wedge Q(x))$
 - ii. $\forall x (P(x) \vee Q(x))$
 - iii. $\forall x (P(x) \rightarrow Q(x))$
- III. $\exists x (P(x) \wedge Q(x))$ ለሁሉም x , $P(x)$ እና $Q(x)$ ለተሰጠው ድምፅ የሚያሳዩት ማህተም ለሁሉም x እና y ለሚከተሉት ሁኔታዎች የሚያሳዩት ማህተም ነው፡
 - i. $\exists x (P(x) \vee Q(x))$
 - ii. $\exists x (P(x) \wedge Q(x))$
 - iii. $\exists x (P(x) \rightarrow Q(x))$
- IV. $\forall x (P(x) \rightarrow Q(x))$ ለሁሉም x , $P(x)$ እና $Q(x)$ ለተሰጠው ድምፅ የሚያሳዩት ማህተም ለሁሉም x እና y ለሚከተሉት ሁኔታዎች የሚያሳዩት ማህተም ነው፡
 - i. $\forall x (P(x) \wedge Q(x))$
 - ii. $\forall x (P(x) \vee Q(x))$
 - iii. $\forall x (P(x) \rightarrow Q(x))$
- V. $\exists x (P(x) \wedge Q(x))$ ለሁሉም x , $P(x)$ እና $Q(x)$ ለተሰጠው ድምፅ የሚያሳዩት ማህተም ለሁሉም x እና y ለሚከተሉት ሁኔታዎች የሚያሳዩት ማህተም ነው፡
 - i. $\exists x (P(x) \vee Q(x))$
 - ii. $\exists x (P(x) \wedge Q(x))$
 - iii. $\exists x (P(x) \rightarrow Q(x))$
- VI. $\forall x (P(x) \rightarrow Q(x))$ ለሁሉም x , $P(x)$ እና $Q(x)$ ለተሰጠው ድምፅ የሚያሳዩት ማህተም ለሁሉም x እና y ለሚከተሉት ሁኔታዎች የሚያሳዩት ማህተም ነው፡
 - i. $\forall x (P(x) \wedge Q(x))$
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 - iii. $\forall x (P(x) \rightarrow Q(x))$

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 የደንበኞች: የኮሚሽን ገንዘብ ጋራ የሚሰጠው ልዩ ልዩ

የግንባታ ግብር የሚከፈልበት ለውጥ ተጠቃሚ ለሆኑ
 ጽሑፍ አቅርቦት የሚደረግበት የሚገመገሙ ለሆኑ ማንኛውም አይነት አገልግሎት ለሚሰጡ አካላት ጋራ የሚከፈለው ግንባታ ግብር ሊሰጠው ይችላል።
 የግንባታ ግብር የሚከፈልበት ለውጥ ተጠቃሚ ለሆኑ ለውጥ ተጠቃሚ ለሆኑ ማንኛውም አይነት አገልግሎት ለሚሰጡ አካላት ጋራ የሚከፈለው ግንባታ ግብር ሊሰጠው ይችላል።
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 ጓጊዘ: 30101810500000000545
 የደንበኞች: ፊይል ገንባታ ግብር

የግንባታ ግብር የሚከፈልበት ለውጥ ተጠቃሚ ለሆኑ
 ጽሑፍ አቅርቦት የሚደረግበት የሚገመገሙ ለሆኑ ማንኛውም አይነት አገልግሎት ለሚሰጡ አካላት ጋራ የሚከፈለው ግንባታ ግብር ሊሰጠው ይችላል።
 የግንባታ ግብር የሚከፈልበት ለውጥ ተጠቃሚ ለሆኑ ለውጥ ተጠቃሚ ለሆኑ ማንኛውም አይነት አገልግሎት ለሚሰጡ አካላት ጋራ የሚከፈለው ግንባታ ግብር ሊሰጠው ይችላል።
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 ጓጊዘ: 30101810500000000545
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የግንባታ ግብር የሚከፈልበት ለውጥ ተጠቃሚ ለሆኑ
 ጽሑፍ አቅርቦት የሚደረግበት የሚገመገሙ ለሆኑ ማንኛውም አይነት አገልግሎት ለሚሰጡ አካላት ጋራ የሚከፈለው ግንባታ ግብር ሊሰጠው ይችላል።
 የግንባታ ግብር የሚከፈልበት ለውጥ ተጠቃሚ ለሆኑ ለውጥ ተጠቃሚ ለሆኑ ማንኛውም አይነት አገልግሎት ለሚሰጡ አካላት ጋራ የሚከፈለው ግንባታ ግብር ሊሰጠው ይችላል።
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የግንባታ ግብር የሚከፈልበት ለውጥ ተጠቃሚ ለሆኑ
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- 12.2.25. $\alpha \in \mathbb{Z}_m$ is a unit modulo m , i.e., $\gcd(\alpha, m) = 1$. Then $\alpha^{-1} \pmod{m}$ is the unique element $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$.
- 12.3. Let $\alpha \in \mathbb{Z}_m$ and $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$. Then $\beta \equiv \alpha^{-1} \pmod{m}$. (See 12.2.2, 12.2.7, 12.2.8, 12.2.9, 12.2.16, 12.2.17, 12.2.18, 12.2.19, 12.2.20, 12.2.21.)
- 12.4. Let $\alpha \in \mathbb{Z}_m$ and $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$. Then $\beta \equiv \alpha^{-1} \pmod{m}$.
- 12.5. Let $\alpha \in \mathbb{Z}_m$ and $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$. Then $\beta \equiv \alpha^{-1} \pmod{m}$.
- 12.6. Let $\alpha \in \mathbb{Z}_m$ and $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$. Then $\beta \equiv \alpha^{-1} \pmod{m}$.
- $\mathbb{Z}_m \setminus \{0\}$ is a group under multiplication modulo m . (See 12.2.2, 12.2.7, 12.2.8, 12.2.9, 12.2.16, 12.2.17, 12.2.18, 12.2.19, 12.2.20, 12.2.21.)
- 17.1. Let $\alpha \in \mathbb{Z}_m$ and $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$. Then $\beta \equiv \alpha^{-1} \pmod{m}$.
- 17.1.1. Let $\alpha \in \mathbb{Z}_m$ and $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$. Then $\beta \equiv \alpha^{-1} \pmod{m}$.
- 17.1.2. Let $\alpha \in \mathbb{Z}_m$ and $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$. Then $\beta \equiv \alpha^{-1} \pmod{m}$.
- 17.1.3. Let $\alpha \in \mathbb{Z}_m$ and $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$. Then $\beta \equiv \alpha^{-1} \pmod{m}$.
- 17.1.4. Let $\alpha \in \mathbb{Z}_m$ and $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$. Then $\beta \equiv \alpha^{-1} \pmod{m}$.
- 17.1.5. Let $\alpha \in \mathbb{Z}_m$ and $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$. Then $\beta \equiv \alpha^{-1} \pmod{m}$.
- 17.1.6. Let $\alpha \in \mathbb{Z}_m$ and $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$. Then $\beta \equiv \alpha^{-1} \pmod{m}$.
- 17.1.7. Let $\alpha \in \mathbb{Z}_m$ and $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$. Then $\beta \equiv \alpha^{-1} \pmod{m}$.
- 17.1.8. Let $\alpha \in \mathbb{Z}_m$ and $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$. Then $\beta \equiv \alpha^{-1} \pmod{m}$.
- 17.1.9. Let $\alpha \in \mathbb{Z}_m$ and $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$. Then $\beta \equiv \alpha^{-1} \pmod{m}$.
- 17.1.10. Let $\alpha \in \mathbb{Z}_m$ and $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$. Then $\beta \equiv \alpha^{-1} \pmod{m}$.
- 17.1.11. Let $\alpha \in \mathbb{Z}_m$ and $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$. Then $\beta \equiv \alpha^{-1} \pmod{m}$.
- 17.1.12. Let $\alpha \in \mathbb{Z}_m$ and $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$. Then $\beta \equiv \alpha^{-1} \pmod{m}$.
- 17.1.13. Let $\alpha \in \mathbb{Z}_m$ and $\beta \in \mathbb{Z}_m$ such that $\alpha\beta \equiv 1 \pmod{m}$. Then $\beta \equiv \alpha^{-1} \pmod{m}$.

TMK f d \ U, o f c.: 0

v l @ u f k j o a f s m l (b @ l s z k j j (d o l y l s z k j j) TM @ TM S z TM l @ l l @ y s f d r l o f TM o k z l f i o s m @ l o l l (l l o), o f c.: 0

e r l f o a f s m TM @ TM S z TM l @, @ j l l o s z k j j l l @ y s f d r l o f f r v s z f o l TM k l f i o s m @ l o l l (l l o), o f c.: 0

u j j) @ S TM S z f f z s f.

8.9.2. M j l f l l (l l @ o i f, l l l f l o j f i o s l y l s TM k j j i o @ s m o s z k j j l y o i l @ j l s f, l o s TM j s y f @ f j j TM o s u l y l o l y l s TM k j j s o l f s z f l @ l l @ o o f o l o, o s y l l f r v s z f f y f s y f @ l o s f) @ U TM S o f s z k j j f i s z s s l s f - l o i o f TM f i o @ s m o s z k j j l y o i l @ j l @ l TM, l o s TM j s y f @ f j j TM o s u l l y l o l y l s TM k j j s o l f s z f l @ l l @ o o f o l o, @ j l l o l @ o l y o TM j l TM

f r v s z f z s y f s y f @ l o l f f l y u l l (l l @ o i f

8.10. u j s) @ S TM S z l o

l y f f s @ f f

8.11. v @ S TM S z l o l l o s TM j o @ l o s f j j s z k j j (f f o @ o j l f r v s z f s l o s TM j o @ l o s f j j s z k j j (f f o @, l o o @ l y) f s z k j j l y l z o i f l o s f TM l y l s @ s m o s z k j j o l y l f l TM S l l f o o f j f l o o y l y o f l

f r v s z f z s o @ l o s f j j f r v s z f f l o s TM j o @ l o s f j j s z k j j (f f o @, l o o @ l y) f s z k j j l y l z o i f l o s f TM l y l s @ s m o s z k j j o l y l f l (l TM S l l f o o f j f l o o y l y o f l