

$$\sin(\arcsin(1/2))=1/2$$

$\sin(\arcsin(5))$ =не имеет смысла

$$\sin(\arcsin(a))=a$$

$$\cos(\arccos(a))=a$$

$a \in [-1;1]$

$$\operatorname{tg}(\operatorname{arctg}(a))=a$$

$$\operatorname{ctg}(\operatorname{arcctg}(a))=a$$

при любых  $a$

$$\arcsin(\sin P/6)=\arcsin(1/2)=P/6$$

$$\arcsin(\sin 5)=5-2P$$

$$\arcsin(\sin a)=?$$

1--  $\arcsin(\sin a)=a$

2--  $\arcsin(\sin a)=P-a$

3--  $\arcsin(\sin a)=a-P$

4--  $\arcsin(\sin a)=a-2P$

$$\arccos(\cos a)=?$$

1--  $\arccos(\cos a)=a$

2--  $\arccos(\cos a)=a$

3--  $\arccos(\cos a)=2P-a$

4--  $\arccos(\cos a)=2P-a$

$$\operatorname{arctg}(\operatorname{tga})=?$$

1--  $\operatorname{arctg}(\operatorname{tga})=a$

2--  $\operatorname{arctg}(\operatorname{tga})=a-P$

3--  $\operatorname{arctg}(\operatorname{tga})=a+P$

4--  $\operatorname{arctg}(\operatorname{tga})=a$

$$\operatorname{arcctg}(\operatorname{ctga})=?$$

1--  $\operatorname{arcctg}(\operatorname{ctga})=a$

2--  $\operatorname{arcctg}(\operatorname{ctga})=a$

3--  $\operatorname{arcctg}(\operatorname{ctga})=a+P$

4--  $\operatorname{arcctg}(\operatorname{ctga})=a+P$

