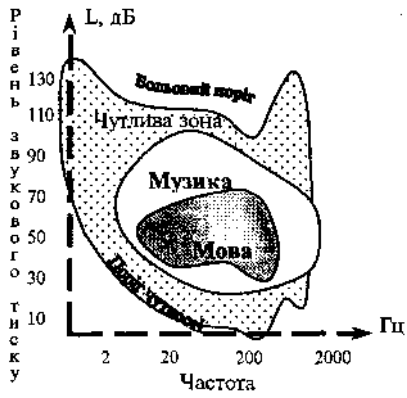


2004. – 384 . - 1

9

9.1.



9.1.

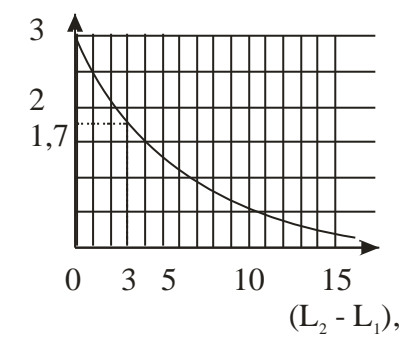
і
і

2004. - 384 . - 1

(. 9.1),
 $2 \cdot 10^{-5}$,
 10^2 .

10^7 .
 $L = 20 \lg \dots$

ΔL ,
 0 —
 $0 = 2 \cdot 10^{-5}$.



. 9.2.
 L_i ,
 i , i , i ()
 i , i , i .
 $(. 9.2)$.

$L_1 = 90$, $L_2 = 93$.
 $\Delta L = 3$,
 $L = L_2 + \Delta L = 93 + 1,7 = 94,7$.

(. 9.1).

	31,5	63	125	250	500	1000	2000	4000	8000
	93	95	100	94	91	90	90	92	94
	90	94	100	94	91	89	92	94	95
	90	93	100	94	92	95	93	93	93
	92	95	99	94	98	100	99	95	92
	95	102	97	101	99	102	101	98	92
	87	99	103	109	108	103	106	107	106
	98	95	91	87	78	76	76	75	73
	105	110	97	90	87	85	81	74	71
	101	98	95	87	86	90	85	80	73
	104	95	92	93	94	97	95	92	91

20 20 20 000 .
 , 20 000

(. . 9.1).

12.1.003-83

: 63, 125, 250, 500, 1000,

2000, 4000 8000 .

() .

— . 9.2

(« ,

» 3.3.6.037-99).

9.2

()	, ,									,
	31,5	63	125	250	500	1000	2000	4000	8000	
,	93	79	70	68	58	55	52	50	49	60
,	96	83	74	68	63	60	57	55	54	65
i i	107	95	87	82	78	75	73	71	69	80
i										

) , (

» (« 3.3.6.037-99).

,

,

.

/(.). : ,

i,
,
(),
i
i
i , ,
i , ,

12.1.029-80

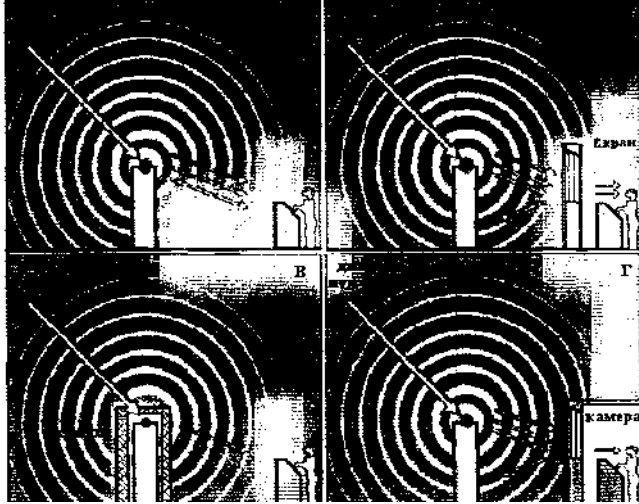
i
, , ,
, - , i
, , i
, : , ;
, ; i
, , 5-10 ,
, i ,
,

12.1.029-80

,
, , ,
, -
:
;

(80)
49 .

(5) ,



.9.3.

(.9.3,).
i

i
1,5—2 ,

50 (.9.3,).

(.9.3,),
3 , , ,

) i (

2 - 1.
6,

(i , ,

2004. - 384 . - 1

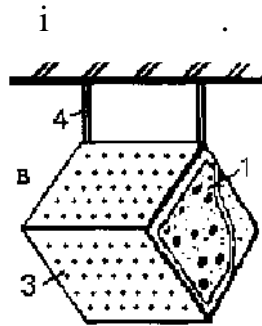
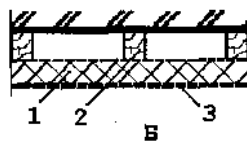
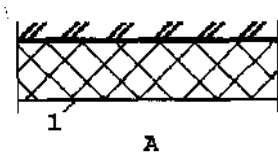
/ (.) . : ,

15—20 . i).

40 55 . (. 9.3,)

(, ,)

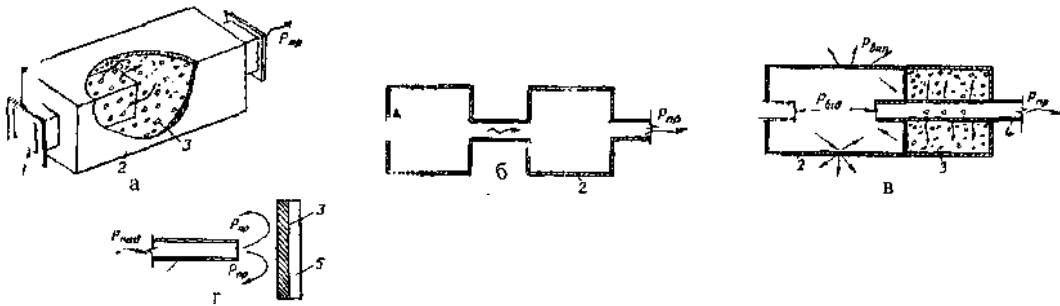
60 %



.9.4. :1 - ;2 - ;3 - i ;4 - (.9.4,)

(.9.4,), ' , (.9.4). 6—8

(.9.5.)



.9.5. : ;2- ;3- ,4- i ;5- -

i

/(. . .) . . .

15 .

" ,

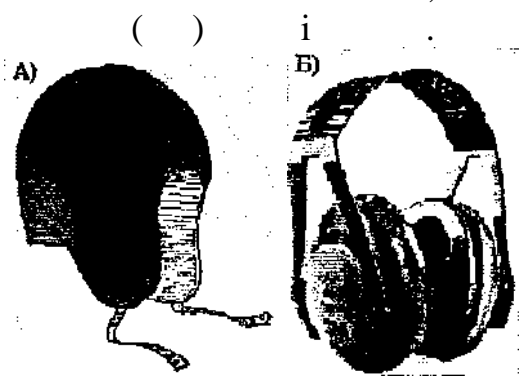
(.9.5,) .

25-30 .

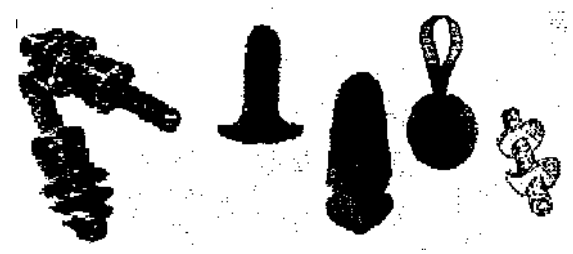
(9.5,)

i (.9.5,)

20 .



.9.6.



.9.6.

i (" ; " - i) .

4-6 .

I

2004. – 384 . -1 / (. . . .) . : ,

, , (') .
 .
 i ,
 , , , ,
 .
 , ,
 .9.3.

	, , ,			
	20-100	100-800	800-8000	8000
	5-20	20-35	30-40	30-40
	5-15	15-35	30-40	35-45
	15-25	25-45	30-60	40-60
	2-7	7-20	20-55	30-55