

551.508.822+621.396.67

1, 2, 3, 4

1, 2, 3, 4

10 300 160 6

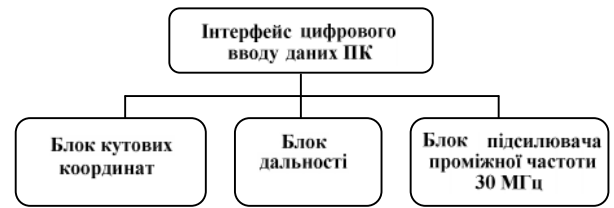
0-360°, 0-360°, 0-400 /, -0-90°, 32, -0-360°, +31 -75°, 1014 1, 5 100%, 68 /.

1,5 6-8 « 29.03.2002 401 »)

2 1000 30 6

100 80° 1 10

1-1,5 « » (100 80°), “ ”;



.I.
 - 0...360
 12...90
 -62
 -51
 COM-1 USB.
 30
 2-

[1].

-42, -62, -43, -44, -72,
 -61, -63.
 -10 (-11, -12, -13, -

[2].

(.1),
 -180 , -400, -
 *.dat.

Alfa Beta - t - (10000)
), D - (1
 1), F -

t,	Alfa	Beta	D	F,
7793	5929	868	575	1655
7794	5931	871	576	1653
7795	5935	871	577	1652

« » (30),

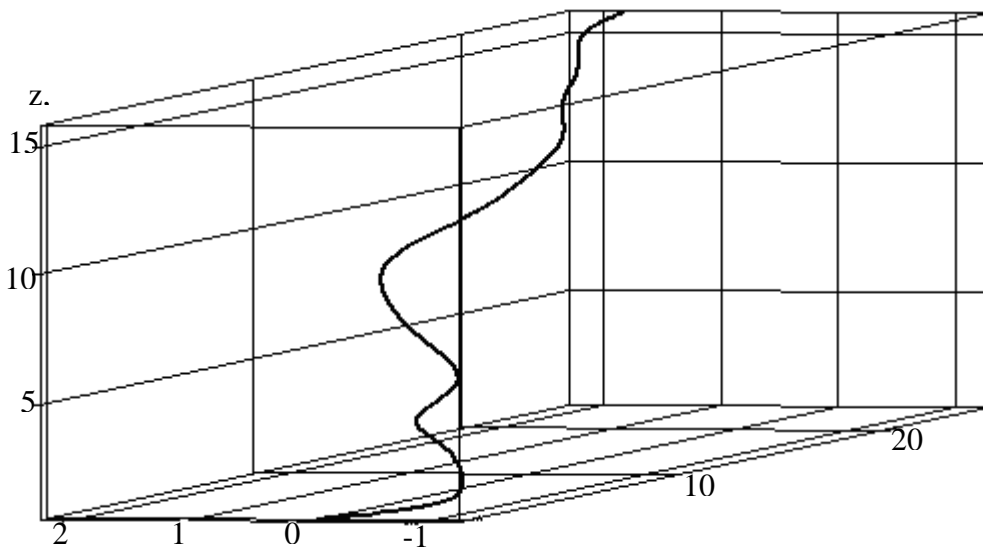
/ -0150

[4].

(, , , ,)

[4].

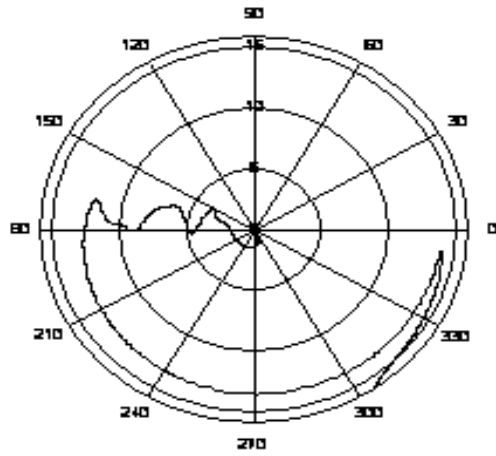
(, - 6), 0...400 / ,
 (MatCad WinXP 0...90°, - 0...360°.
 1014
), 1 -75°, 32 , - +31
 - 5 100 %, 0
 - 68 / .
 (-3,



.2.

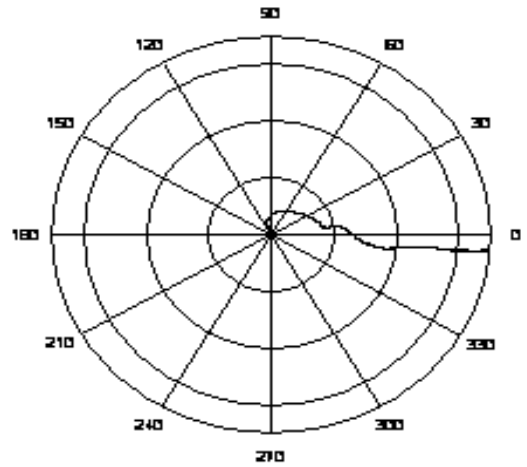
Залежність між напрямком вітру та висотою

- 0 - Північ
- 90 - Схід
- 180 - Південь
- 270 - Захід



.3.

Азимут зонда від часу



2,

[5].

3

6 ,

160 .

10

300 ,

0-400 / ,

- 0-900,

- 0-3600.

30

" "

[1,6],

3. . . . -
/ . . . , . . . -
//
. - 2008. - 2. - . 96-98.
4. . . .
/ . . . , . . . //
-
2003. - 4. - . 494-507.
5. . . .
/ . . .
-
//
. - 2009. 60. - . 78-83.
6. „ „ . . . -
MathCAD MATHLA / . . . , . . . ,
; „
» - .:
« „, 2000. - 166 .
- 14 2010 . - . 169.
2. . . .
/ . . . , //
- I. . . .
/ . . .
- / . . . ,
//
: - , 13-
14 2010 . - . 169.
- 14.10.2010 p.
- Івана Франка. Серія фізична. – 2003. Випуск 36. – С. 206-219.

AUTOMATIC REAL-TIME SYSTEM FOR VISUALIZATION AND PROGNOSTICATION OF BALLS-ZOUNDS TRAJECTORY

V.I. Chygin, V.P. Danylovych, V.D. Smychok, O.M. Burnayev

An objective of this research is safety of aircraft. Before authors of the publication the task to develop was: to investigate characteristics of flight of a meteorological probe in free atmosphere, test and introduce in practice of heads of flights of aircraft supervision system in real time behind flight of meteorological radiosonde in a zone of flight of aircraft is put.

Keywords: *aircraft, safety of aircraft flight, meteorological radiosonde, equivalent explosion, the pulling down forecast, the terminal, a flight trajectory.*