

• •

• -

- [1-5].

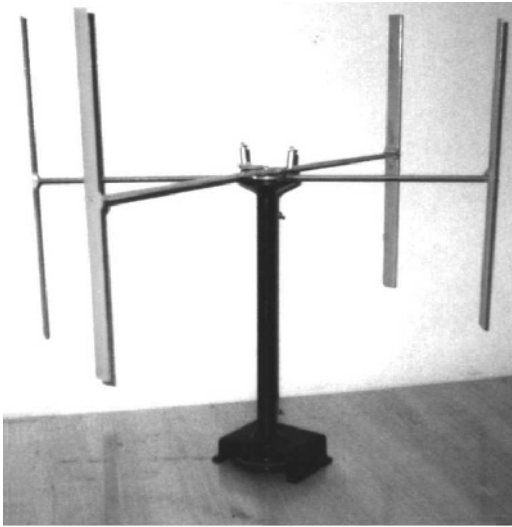
"

" [1-4].

,

,

(1).



1 -

,

,

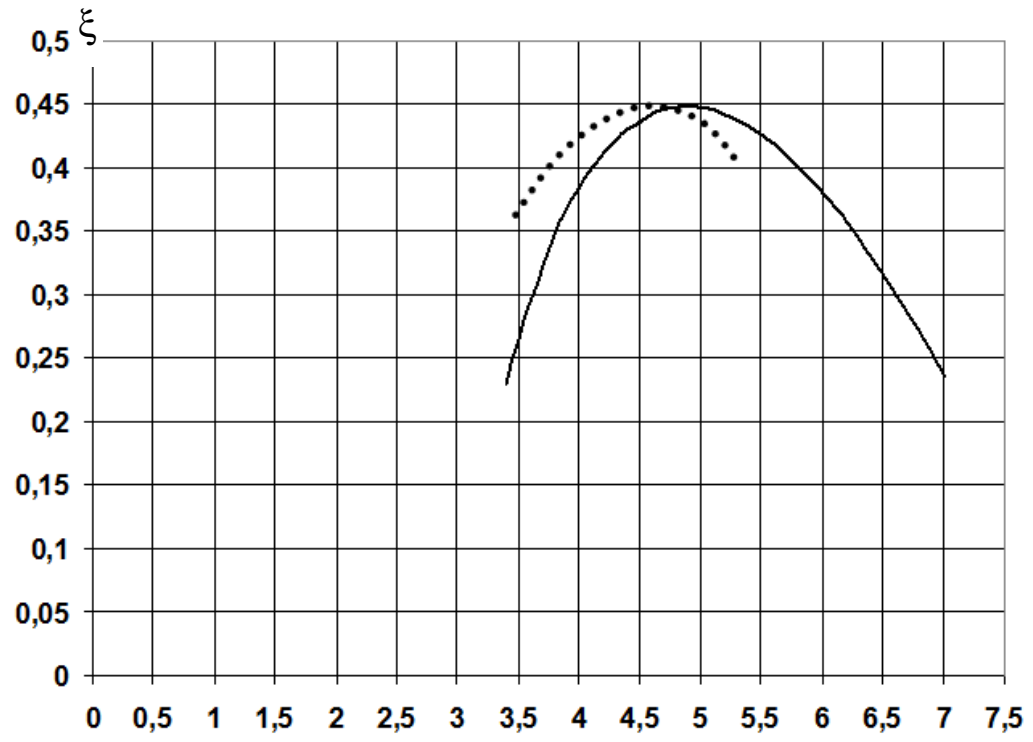
.

« [4], » .

2

$\xi(Z)$

[1,2]



2 -

$Z=r_0\omega/V_\infty: 1 -$

[1], 2 -

ξ

[2].

0,125.

(ξ)

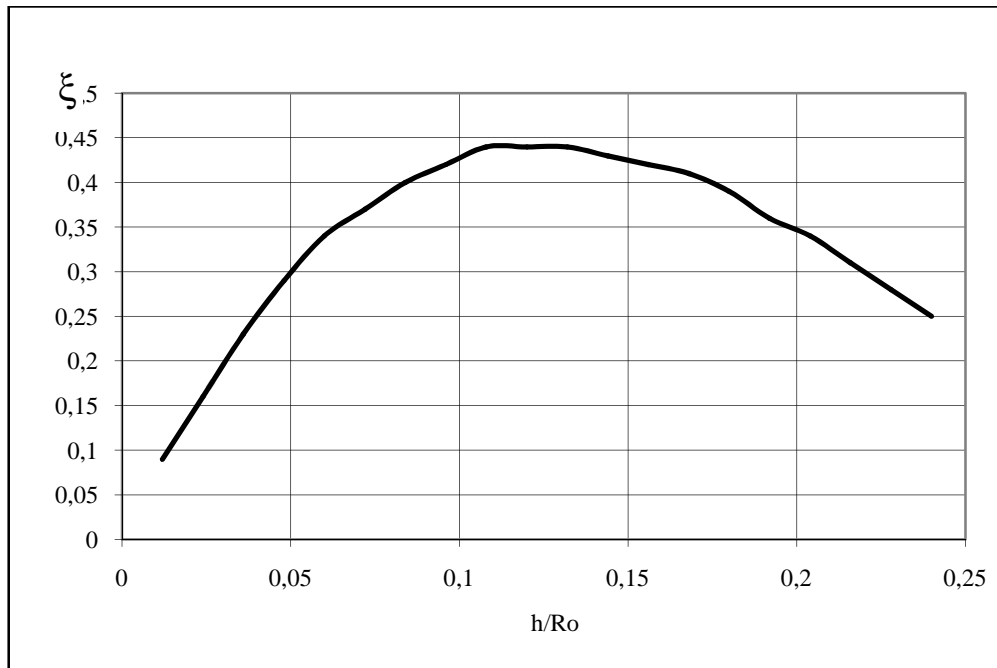
(h/d).

3.

(ξ)
h/d=0,125 ,

(h/d)

[2].



3 –

h/d. ξ

- 1 . – . , 2001. – 104 .
- 2 . – . , 1988. – . 106 -113
- 3 . – . , 2000. – 3(211). – . 72-78.

4 Tulepbergenov A.K., Sherniazov K.E. The Vortex Model of the Windturbine Darrie // IV Congress of the Turkic World Mathematical Society. – Azerbaijan, Baku, 2011. – p.475.

5 Satymbekov A.M., Tulepbergenov A.K., Ualiev Zh.R. Numerical modeling of modern wind turbines (carousel type) // V World Congress of the engineering and Technologies – W ET–2012. – Kazakhstan, Almaty, 2012. – p.294-296.