

331.45:629

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By means of the assessment of technical systems to which belong the system "man-machine-animal-industrial environment" by concrete contents and properties changing from lowest to highest one defines a possibility of system perfection.

Key words: bio-technical system, integral index of quality, integral value of safety, information of state, information of control.

(1):

$$E=f(X_i : Y_i),$$

X_j y_i -

(f)

$$R_j=(0,1).$$

$$=()$$

$$=() \quad =(),$$

$$Q_M=1-$$