



**Savitribai Phule Shikshan Prasarak Mandal's
SKN SINHGAD COLLEGE OF ENGINEERING**

(Approved by AICTE & Affiliated to PAH Solapur University, Solapur)

Accredited by NAAC with 'A+' Grade

A/p- Korti, Tal- Pandharpur, Pin- 413304, Dist.- Solapur.

Department of Electronics & Telecommunication Engineering

Innovative Teaching and Learning

in

Control System Course

Crossword puzzles are a useful teaching tool for vocabulary, definitions, spelling, and concept pairing. When students solve crossword puzzles, they are always trying to remember terms they have already learned. Consequently, students learn how to think logically and solve difficulties by using their own ideas through puzzles. Our brain cells' existing connections are strengthened as we solve challenges. Consequently, this enhances cognitive quickness and cognitive processes. Particularly beneficial for enhancing short-term memory are puzzles.

Teaching Innovation: Taking tests with objective questions has historically not helped students become better learners. Rather, it has been demonstrated that crossword puzzles are useful teaching aids for spelling, nomenclature, definitions, and matching important ideas with related names, which increases fact memorization and retention.

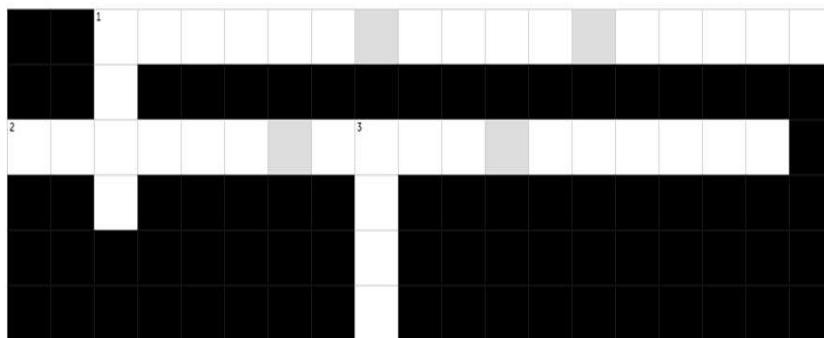
Benefits:

- Improving memory: Crossword puzzles can help you retain and memorize vocabulary and other facts.
- Improving working memory: There is a hypothesis that crossword puzzles can improve your working memory, or your ability to keep multiple things in mind at once.
- Teaching terminology and definitions: Crossword puzzles can be used to teach terminology and definitions.

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Crossword Puzzle

Crossword 1: <https://puzzel.org/en/crossword/play?p=Nrd1dbTVJJKpC8J1zXG>

CROSSWORD1



Across	Down
1 Transfer function of can be obtained from	1 A good control system has all _____ response
2 A control system in which the control action is somehow dependent on the output is known as	3 An automatic toaster is a _____ loop control system?

Response of Crossword1

Play Crossword 1- Puzzel.org - PAVAN PANDIT.pdf
Open with ▾

CROSSWORD1

S	I	G	N	A	L	F	W	G	R	A	P	H	
L	O	O	S	E	D	O	O	P	S	Y	S	T	E
C	L	O	O	S	E	L	O	P	S	Y	S	T	M
W	E	N	R	E	N	W	E	N	E	N	E	N	

Across

1 Transfer function of can be obtained from
2 A control system in which the control action is somehow dependent on the output is known as

Down

1 A good control system has all _____ response
3 An automatic toaster is a _____ loop control system?



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Link for cross word 1

View folder

<https://puzzel.org/en/crossword/play?p=-Nrd1dbTVJJKpC8J1zXG>

solve this cross word, generate PDF or Image and upload it.

59 responses

[Play Crossword 1- Puzzel.org - PAVAN PANDIT.pdf](#)

[Play Crossword - Puzzel - Onkar Kumbhar.PDF](#)

[Control system 1 - Ganesh Tanawade.pdf](#)

[Puzzle cs - Vishnu Waghmare.pdf](#)

[Puzzle cs - avdhut pise.pdf](#)

[control system 1. - Mr.Saurabh Khedekar.pdf](#)

[CS Play Crossword - Puzzel.org - Anurag Pawar.pdf](#)

[Puzzle 1cs - Akash Katte.pdf](#)

[Cross word cs - Shweta Bagal.pdf](#)

[Play Crossword - Puzzel.org - Ankita Jadhav.pdf](#)

[49 more files](#)



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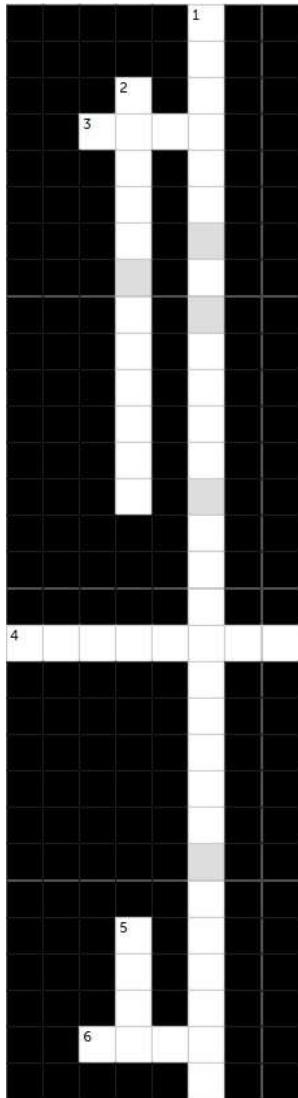
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- Crossword 2: Play Crossword - Puzzel.org

CROSSWORD2



Across

Down

1 For open control system recalibration is not required for maintaining the required quality of the output. State True or False.

1 The transfer function is defined for _____

2 Closed loop system is distinguished from open loop system by _____

2 The difference of the reference input and the actual output signal is called as _____

5 As compared to closed loop system an open loop system is _____ stable but less accurate

5 The Transfer function of a linear system is the c) Ratio of Laplace transform of output and that of the input with all initial conditions _____



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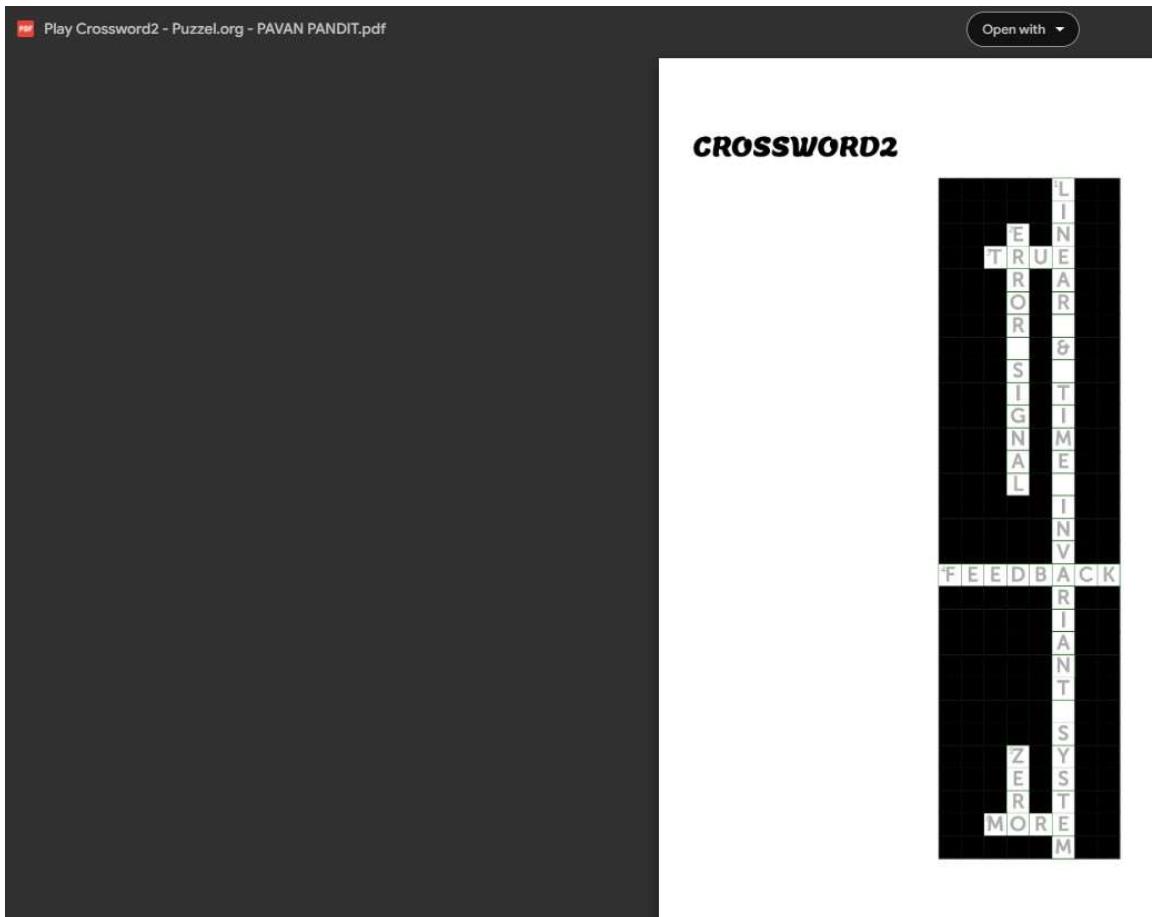
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Response of Crossword 2:



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Link for cross word 2

 [View folder](https://puzzel.org/en/crossword/play?p=-Nrd9C1leGkbqh3P03fV)

<https://puzzel.org/en/crossword/play?p=-Nrd9C1leGkbqh3P03fV>

solve this cross word, generate PDF or Image and upload it.

59 responses

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Mrs. A. C. Pise
Course Coordinator




Dr. A. O. Mulani
H. O. D. E&TC