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O. K. Tichomirov [\[1\]](#)

## **Oleg Konstantinovič**

**Tichomirov**, (Олег

Константинович Тихомиров,  
1933 - 2001)

was a Russian [psychologist](#), head of general psychology and Professor Emeritus at Faculty of Psychology, [Moscow State University](#). He was specialized in the [theories of psychology](#), [cognitive psychology](#), [artificial intelligence](#) and computer science, and was further interested in the psychology of [thought](#) and [speech](#), psychology of [creativity](#), problem of goal formation, [human-computer interaction](#), and [methodology](#) and [history of psychology](#).

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## **Chess**

In 1966, along with [E. D. Poznyanskaya](#), Tichomirov conducted [cognitive](#) experiments with chess masters, notably measuring their [eye movements](#) during the first five seconds after viewing a chess position [\[2\]](#). One position was used by [Herbert Simon](#) and [Michael Barenfeld](#) for their research and publications concerning [Perceiver](#), the experimental chess program which simulated human eye movements [\[3\]](#) [\[4\]](#).

r1b2rk1/pp3pbp/1q3np1/2pP2B1/4p3/2N1P3/PPQ1BPPP/2KR3R b - - 1 1 [\[5\]](#) [\[6\]](#)

## See also

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- [Perceiver](#)
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## Selected Publicatons

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- [Oleg K. Tichomirov](#), [E. D. Poznyanskaya](#) (1966). [An Investigation of Visual Search as a Means of Analyzing Heuristics](#). Soviet Psychology, Winter 1966-67 (from [Voprosy Psikhologii](#), 1966, 2, 4, Исследование зрительного поиска как путь к анализу)
- [Oleg K. Tichomirov](#) (ed.) (1972). *Man and Computer*. [Moscow State University](#)
- [Oleg K. Tichomirov](#) (1975). [Искусственный интеллект и психология](#). (Artificial Intelligence and Psychology) Moskva : Nauka
- [Oleg K. Tichomirov](#) (1984). [The Psychology of Thinking](#). Moscow : Progress Publishers

## External Links

- [Тихомиров Олег Константинович](#)
- [Олег Константинович Тихомиров](#)

## References

1. [^](#) [Тихомиров Олег Константинович](#)
2. [^](#) [Oleg K. Tichomirov](#), [E. D. Poznyanskaya](#) (1966). [An Investigation of Visual Search as a Means of Analyzing Heuristics](#). Soviet Psychology, Winter 1966-67
3. [^](#) [Herbert Simon](#), [Michael Barenfeld](#) (1969). [Information Processing-Analysis of Perceptual Processes in Problem Solving](#). Psychological Review, Vol. 76, No. 5, reprinted in [Herbert A. Simon](#) (1979). [Models of Thought](#). Yale University Press, pdf
4. [^](#) [Herbert Simon](#), [William Chase](#) (1973). [Skill in Chess](#). [American Scientist](#), Vol. 61, No. 4, reprinted in [David Levy](#) (ed.) (1988) [Computer Chess Compendium](#), pdf
5. [^](#) Middlegame position used in [Oleg K. Tichomirov](#), [E. D. Poznyanskaya](#) (1966). [An Investigation of Visual Search as a Means of Analyzing Heuristics](#). Soviet Psychology, Winter 1966-67, referred by [Herbert Simon](#), [Michael Barenfeld](#) (1969). [Information Processing-Analysis of Perceptual Processes in Problem Solving](#). Psychological Review, Vol. 76, No. 5, reprinted in [Herbert A.](#)

[Simon \(1979\). Models of Thought. Yale University Press, pdf](#)

6. [^ The Tichomirov-Poznyanskaya middlegame position analysis \(1966\)](#) by [John L. Jerz](#)

7. [^ СПИСОК НАУЧНЫХ ТРУДОВ - List of publications](#) (pdf)

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