

Примјена рачунара у биологији

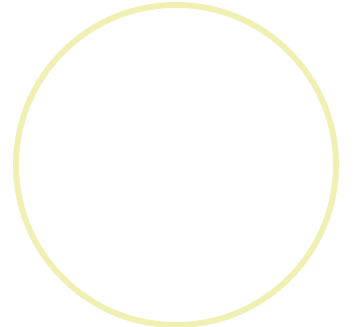
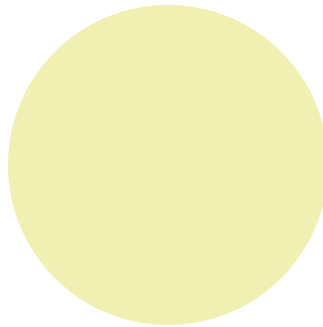
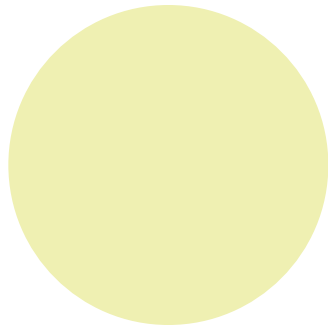


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Референце у научним радовима

Цитирање и референце у радовима



Ослонац на претходно знање

- Пошто је циљ истраживања да прошири знање у одређеној области, истраживач мора да зна и разуме текуће стање знања у тој области (и у повезаним областима)
- Примарна и секундарна литература

Зашто цитирамо радове

1. Да би се указало на рад других истраживача и одала дужна пажња њиховим претходним напорима
2. Да би се демонстрирао целокупни корпус знања на коме је заснован наш допринос
3. Да се омогући другим истраживачима да лакше пронађу релевантне изворе из којих могу добити још више информација

Радови се не цитирају да бисмо могли да копирамо и преузимамо текст из других радова – то је плагијаризам.

Плагијаризам

- the verbatim (word for word) copying of another's work without appropriate and correctly presented acknowledgement;
- the close paraphrasing of another's work by simply changing a few words or altering the order of presentation, without appropriate and correctly presented acknowledgement;
- unacknowledged quotation of phrases from another's work;
- the deliberate and detailed presentation of another's concept as one's own.

Плагијаризам

- Преузимање (дела) текста из неког другог рада и додавање референце у тексту се **не сматра** одговарајућим начином цитирања.
 - само мањи делови текста се могу дословце преузети и тада морају бити јасно раздвојени од остатка текста (под наводницима, увучено, италик)
 - текст мора да се “преприча” и издвоји само суштина тог рада битна за текући рад

Појмовник

- **Цитирање** (Citing / Referencing)
 - Formally recognising, within your text, the sources from which you have obtained information
- **Цитат** (Citation / Quotation)
 - A passage or words quoted within your text, supported with a reference to its source
- **Референца** (Reference)
 - A detailed description of a source from which you have obtained information
- **Листа референци** (List of references)
 - List of all sources which are cited in the body of your work
- **Библиографија** (Bibliography)
 - List of all sources which have been consulted in preparation of your work

Цитирање

- **Свако** тврђење у раду мора да буде потврђено или
 - одговарајућим цитарењем, или
 - садржајем рада тј. резултатима, доказаним тврђењима, интерпретацијом
- Навести рад близу тврђења
 - обично на крају реченице
 - у случају активне реченице, може и име аутора да се наведе

Dawson (1981) showed that stable graphs are closed.
Stable graphs are closed (Dawson, 1981).

Шта (не)треба цитирати

- Цитирати

- Ако дискутујете неки рад било детаљно било да помињете неку његов део (и специјални допринос)
- Сва тврђења, чињенице, дискусије које нису доказане/потврђене у текућем раду
- Претходни **релеванти** радови аутора

- Не цитирати

- Опште познато знање
- Сопствене радове који нису релевантни за текући рад

Шта (не)треба цитирати

- Не мора (и не треба) свака реченица да буде завршена цитирањем.
- Претходни рад треба да буде приписан правим ауторима, нарочито када је реч о секундарним изворима

According to Dawson (1981), stable graphs have been shown to be closed.

According to Kelly (1959; as quoted by Dawson (1981)), stable graphs are closed

Стилови цитирања - нумерички

- Извори се наводе у листи референци сортирани по
 - презименима првог аутора
 - појавама у тексту
- У тексту, цитирања се наводе као бројеву у средњим заградама

Стилови цитирања - нумерички

Пример

Key techniques for utilising temporal logic specifications have been investigated, including verification via proof [3] and verification via model-checking [1,2].

Bibliography

1. E. Clarke, O. Grumberg, and D. A. Peled. *Model Checking*. MIT Press, 2000.
2. K. L. McMillan. *Symbolic Model Checking*. Kluwer, 1993.
3. M. Vardi and P. Wolper. Reasoning about infinite computations. *Inform. and Computat.*, 115:1–37, 1994.

Стилови цитирања – аутор/датум

- У тексту, цитирања се реализују навођењем презимена првог аутора и године објављивања рада (све заједно у малим заградама)
 - у случају два аутора – наводе се оба
 - у случају више од два аутора, наводи се име првог и *et al.*

Стилови цитирања – аутор/датум

Пример

The completion procedure (Lankford, 1975) may fail in general, but has been extended to a refutationally complete theorem prover (Hsiang and Rusinowitch, 1987). Completion procedures for conditional equations have been described by Kounalis and Rusinowitch (1988), and by Ganzinger (1987a, 1987b). An additional theorem was proved by Bachmair et al. (1989). This has been later extended to a complete theorem prover (Hsiang and Rusinowitch, 1987; Ganzinger, 1987a).

Стилови цитирања – аутор/датум

- Ако је ауторово име део реченице, онда се само година наводи у заградама
- Ако се ређа више референци, онда се раздвајају тачка-запетом

The completion procedure (Lankford, 1975) may fail in general, but has been extended to a refutationally complete theorem prover (Hsiang and Rusinowitch, 1987). Completion procedures for conditional equations have been described by Kounalis and Rusinowitch (1988), and by Ganzinger (1987a, 1987b). An additional theorem was proved by Bachmair et al. (1989). This has been later extended to a complete theorem prover (Hsiang and Rusinowitch, 1987; Ganzinger, 1987a).

Стилови цитирања – аутор/датум

- Уколико исти аутор(и) имају више радова у истој години, години се додају слова да разликују радове

The completion procedure (Lankford, 1975) may fail in general, but has been extended to a refutationally complete theorem prover (Hsiang and Rusinowitch, 1987). Completion procedures for conditional equations have been described by Kounalis and Rusinowitch (1988), and by Ganzinger (1987a, 1987b). An additional theorem was proved by Bachmair et al. (1989). This has been later extended to a complete theorem prover (Hsiang and Rusinowitch, 1987; Ganzinger, 1987a).

Стилови цитирања – аутор/датум

- Извори се у листи референци сортирају алфаветски по (првом) аутору
- У случају више радова са истим ауторима, радови одштампани раније се наводе раније

- Example:

Clarke E, O. Grumberg, and D. A. Peled (2000). *Model Checking*. MIT Press.

McMillan K. L. (1993). *Symbolic Model Checking*. Kluwer.

Vardi M, P. Wolper (1994). Reasoning about infinite computations. *Inform. and Computat.*, 115:1–37.

Примери

Recent work (Wolper 1996a, 1996b) stresses the importance of algorithmic support for formal methods.

Wolper (1996a, 1996b) stresses the importance of algorithmic support for formal methods.

The completion procedure may fail in general, but has been extended to a refutationally complete theorem prover (cf. Lankford 1975, Hsiang and Rusinowitch 1987, and Bachmair et al. 1989).

Completion procedures for conditional equations have been described by Kounalis and Rusinowitch (1988), and by Ganzinger (1987a, 1987b).

Стилови цитирања – скраћенице

- У тексту се референце наводе као скраћенице сачињене нпр. од имена аутора, године публиковања, итд. у средњим заградама

Key techniques for utilising temporal logic specifications have been investigated, including verification via proof [VW94] and verification via model-checking [CGP00,McM93]. Recent work [Wol96a, Wol96b] stresses the importance of algorithmic support for formal methods. The completion procedure may fail in general, but has been extended to a refutationally complete theorem prover (cf. [Lan75,HR87,BDP89]). Completion procedures for conditional equations have been described by Kounalis and Rusinowitch [KT88], and by Ganzinger [Gan87a,Gan87b].

Стилови цитирања – скраћенице

- У листи референци, извори се наводе слично нумеричком стилу, сортирани по јединственом “кључу” који је додељен сваком извору

[CGP00] E. Clarke, O. Grumberg, and D. A. Peled. *Model Checking*. MIT Press, 2000.

[vdG94] R. A. van der Goot. *Strategies for modal resolution*. Master's thesis, Delft University of Technology, The Netherlands, 1994.

[Wol96a] P. Wolper. Where is the Algorithmic Support? *ACM Comput. Surv.* 28(4):58, 1996.

[Wol96b] P. Wolper. The Meaning of “Formal”. *ACM Comput. Surv.* 28(4):127, 1996.

Листа референци

- Сваки извор треба да садржи све релевантне податке, у зависности од типа референце
- Сортирање на неки од начина описан раније
- Референце треба да буду описане конзистентно и потпуно
- Обично сваки часопис, зборник, друштво, итд. има сопствени скуп правила за форматирање

Књиге

Book

- Author(s) or editor(s)
- Title and subtitle
- Edition, if not the first, for example 2nd ed.
- Series and individual volume number (if any)
- Publisher
- (Place of publication)
- Year of publication

Examples:

A. A. Fraenkel, Y. Bar-Hillel, and A. Levy. *Foundations of Set Theory*, 2nd revised edition. Studies in Logic and The Foundations of Mathematics 67. North-Holland, Amsterdam, 1973.

A. Robinson and A. Voronkov, editors. *Handbook of Automated Reasoning*. Elsevier, 2001.

Поглавља у књигама

Chapter/section of a book

- Author(s) of the chapter/section
- Title and subtitle of the chapter/section
- Author/editor of collected work
- Title and subtitle of collected work
- Chapter/section referred to
- Page numbers of chapter/section referred to
- Publisher
- (Place of publication)
- Year of publication

Example:

W. Bibel and E. Eder. Methods and calculi for deduction. In C. J. Hogger, D. M. Gabbay and J. A. Robinson, editors, *Handbook of Logic in Artificial Intelligence and Logic Programming, Volume 1*, chapter 3, pages 67–182. Oxford University Press, 1993.

Зборник радова

Conference proceedings

- Editor(s) of proceedings
- Name and number of conference
- Location of conference (if appropriate)
- Time of conference
- Title of published work; if different from the name of the conference
- Series and individual volume number (if any)
- Publisher
- Place of publication
- Year of publication

Example:

D. A. Basin and M. Rusinowitch, editors. *Automated Reasoning - Second International Joint Conference, IJCAR 2004, Cork, Ireland, July 4–8, 2004, Proceedings*. Lecture Notes in Computer Science 3097. Springer, 2004.

Рад у зборнику

Conference paper

- Author(s) of the paper
- Title and subtitle of the paper
- All information on the conference proceedings plus
- Page numbers of the paper

Example:

Volker Weispfenning. Solving Constraints by Elimination Methods. In D. A. Basin and M. Rusinowitch, editors. *Automated Reasoning - Second International Joint Conference, IJCAR 2004, Cork, Ireland, July 4–8, 2004, Proceedings*. Lecture Notes in Computer Science 3097, p. 336–341. Springer, 2004.

Рад у часопису

Journal article

- Author(s) of the article
- Title and subtitle of the article
- Title of the journal
- Volume and part number
- Page numbers of article
- Date, month or season of the year, if appropriate
- Year of publication

Note: Information on publisher is typically not required

Examples:

R. MacGregor. Inside the LOOM description classifier. *SIGART Bulletin*, 2(3):88–92, 1991.

A. Seager. Energy subsidy plan for home runs out of cash. *The Guardian*, 21 October 2006, p. 6.

Тезе и дисертације

Thesis and dissertation

- Author of the work
- Title and subtitle of the work
- Type of work
- Awarding institution including its address
- Year, possibly month, of publication

Examples:

G. Rosu. *Hidden Logic*. PhD thesis, Department of Computer Science and Engineering, University of California, San Diego, CA, USA, August 2000.

R. A. van der Goot. *Strategies for modal resolution*. Master's thesis, Faculty of Technical Mathematics and Informatics, Delft University of Technology, The Netherlands, 1994.

Web стране

Web pages

- Author(s) of the web page(s)
- Title and subtitle
- URL
- Date of last modification, if available
- Date of access

Examples:

The PHP Group. PHP: Hypertext preprocessor.
<http://www.php.net/>. 22 October 2006.

The International DOI Foundation. The Digital Object Identifier System. <http://www.doi.org/>. 25 July 2006 (accessed 22 October 2006).

Примери

Bad:

JAVA, JAVA, JAVA by Ralph Morelli

Good:

Ralph Morelli. Java, Java, Java: [Object-Oriented Problem Solving, 2nd edition](#). Prentice Hall, 2003.

Bad:

Marco Dorigo, Gianni Di Caro, Michael Samples, Ant Algorithms, third international workshop, Ant 2002, Brussels, Belgium, September 2002, Proceedings.

Good:

Marco Dorigo, Gianni Di Caro, [and](#) Michael Samples, [editors](#). Ant Algorithms: Third International Workshop, ANTS 2002, Brussels, Belgium, September [12–14](#), 2002, Proceedings. [Lecture Notes in Computer Science 2463](#). Springer, 2002.

Примери

Bad:

<http://www.cut-the-knot.org/blue/Stern.shtml>

Good:

Alexander Bogomolny. Stern-Brocot Tree.

<http://www.cut-the-knot.org/blue/Stern.shtml>.

Last modification June 17, 2000. Accessed October 26, 2006.

Примери и коментари

- A reference in ordinal-number style never starts a sentence
Wrong: [9] Disaster rescue is a serious social issue.
Correct: Disaster rescue is a serious social issue [9].
- In ordinal-number style a list of references is a comma-separated list of numbers enclosed in one pair of square brackets
Wrong: The humanoid soccer robots are fully autonomous [5][9].
Correct: The humanoid soccer robots are fully autonomous [5,9].
- A reference never occurs in a section heading
Wrong: Section 5. The History of RoboCup [9]
Wrong: Section 5. The History of RoboCup (Henry 2006)

Примери и коментари

- A reference never comes after a full stop
 - Wrong:** 2-on-2 teams of autonomous mobile robots play games in a rectangular field color-coded in shades of grey. [9]
 - Correct:** 2-on-2 teams of autonomous mobile robots play games in a rectangular field colour-coded in shades of gray [9].
- Beware of the differences between ordinal-number style and author-date style
 - Wrong:** [11,12] stresses the importance of algorithmic support for formal methods.
 - Correct:** Wolper (1996a, 1996b) stresses the importance of algorithmic support for formal methods.
 - Correct:** Wolper [11,12] stresses the importance of algorithmic support for formal methods.

Навођење цитата

- Избегавати сувишно навођење цитата
- Има смисла само у случајевима када
 - Коментаришете нечује речи/ставове
 - Цитат има одређену “историјску вредност”
- У осталим случајевима треба препричати текст

Навођење цитата

Bickle [1996] states that “[t]he superior method to obtain compact and accurate solutions is the method of adaptive parsimony pressure [...]”.

Quotation clearly indicated by quotation marks; alterations indicated in square brackets; source stated.

Day [2005] reports that “GP shows great promise in creating robust classifiers for [Automatic Speaker Verification] purposes” where programs attempt to recognise the voice of a known individual.

Quotation clearly indicated by quotation marks; alterations indicated in square brackets; source stated.

Навођење цитата

More recently, in 1999, Tim Berners-Lee [3], father of the World Wide Web (WWW) speaking of the WWW stated that he saw it as
“an information space through which people can communicate; but communicate in a special way: communicate by sharing their knowledge in a pool. The idea was not that it should be a big browsing medium. The idea was that everybody would be putting their ideas in as well as taking them out.”

A Wiki is in Ward Cunningham's [43] original description:
“The simplest online database that could possibly work.”

Direct quotation indicated by quotation marks and indentation; source stated.

Библиографијски алати

- Направите своју библиографијску базу
 - наслов, аутори, сви релевантни библиографски подаци, где се рад може наћи (Интернет, локални диск)
- Локална индивидуална копија
 - Word, BibTeX
- Библиографијски сервиси
 - <http://www.citeulike.org/>
 - Google Scholar

citeulike is a free service for managing and discovering scholarly references

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IEEE transactions on information technology in biomedicine : a publication of the IEEE Engineering in Medicine and Biology Society, Vol. 12, No. 6. (November 2008), pp. 714-

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Захвалница

Садржај који је укључен у ову презентацију је преузет из наставних материјала за предмет „Методологија научног и стручног рада“ на Математичком факултету Универзитета у Београду, који је припремио проф. др Горан Ненедић.

Захваљујем се Горану Ненадићу на помоћи.