

7 Referencias Bibliográficas

- [1] LINDEN, G.; SMITH, B.; YORK, J.. **Amazon.com recommendations: Item-to-item collaborative filtering.** In: IEEE INTERNET COMPUTING, 7(1):76-80, 2003.
- [2] BENNET, J.; LANNING S.. **The Netflix Prize.** Proceedings of the KDD Cup 2007. ACM Press, 2007.
- [3] KOREN, Y.; BELL, R.; VOLINSKY C.. **Matrix Factorization Techniques for Recommender Systems.** Computer. 42(8):30-38, 2009.
- [4] CHEN, A. Y.; MCLEOD, D.. **Collaborative Filtering for Information Recommendation Systems.**
- [5] SCHAFER, J. B.; KONSTAN, J.; RIEDL, J.. **Recommender Systems in E- Commerce.** In: EC '99: PROCEEDINGS OF THE FIRST ACM CONFERENCE ON ELECTRONIC COMMERCE, Denver, CO, pp. 158-166, 1999.
- [6] SCHAFER, J. B.; GOOD, N.; KONSTAN, J.. **Combining collaborative filtering with personal agents for better recommendations.** In: PROCEEDINGS OF THE 1999 NATIONAL CONFERENCE OF THE AMERICAN ASSOCIATION OF ARTIFICIAL INTELLIGENCE, pages 439–436, 1999.
- [7] RESNICK, P.; VARIAN, H.. **Recommender Systems.** Communications of the ACM, 40, 3, (1997), 56-58.
- [8] TERVEEN, L.; HILL, W.. 2001, **Human-Computer Collaboration in Recommender Systems.** In: J. Carroll (ed.): Human Computer Interaction in the New Millennium. New York: Addison-Wesley.
- [9] WESTERGREN, T. **The Music Genome Project,** 1999, <http://www.pandora.com/mgp.shtml>. Último acesso em Julho

de 2011.

- [10] KOREN, Y.; BELL, R.. **Scalable Collaborative Filtering with Jointly Derived Neighborhood Interpolation Weights**, IEEE INTERNATIONAL CONFERENCE ON DATA MINING, IEEE, 2007.
- [11] BELKIN N. J., CROFT W. B., **Information filtering and information retrieval: Two sides of the same coin?** ||, Communications of the ACM 35, 29–39, December 1992.
- [12] LANG K., **Newsweeder: Learning to filter news**, In Proceedings of the 12th International Conference on Machine Learning, Lake Tahoe, CA, pp. 331-339, 1995.
- [13] ADOMAVICIUS G., TUZHILIN A. **Toward the next generation of recommender systems: A survey of the state-of-the-art and possible extensions**. IEEE Transactions on Knowledge and Data Engineering 17, 734–749, June 2005.
- [14] BILLSUS D., PAZZANI M., **User Modeling for Adaptive News Access**. User-Modeling and User-Adapted Interaction 10(2-3), 147-180, 2000.
- [15] NETFLIX, <http://www.netflix.com>. Último acesso em Julho de 2011.
- [16] MOVIELENS, <http://www.movieLens.umn.edu>. Último acesso em Julho de 2011.
- [17] AMAZON, <http://www.amazon.com>. Último acesso em Julho de 2011.
- [18] FUNK, S. **Netflix Update: Try This At Home**. <http://sifter.org/~simon/journal/20061211.html>. Último acesso em Julho de 2011.
- [19] NETFLIX PRIZE, <http://www.netflixprize.com>. Último acesso em Julho de 2011.

- [20] ABDI, H.. **Singular value decomposition (svd) and generalized singular value decomposition (gsvd)**. In Neil Salkind, editor, Encyclopedia of Measurement and Statistics. Thousands Oaks, CA, 2007.
- [21] KURUCZ, M.; BENCZUR A. A.; CSALOGNY, K.. **Methods for large scale svd with missing values**. In Proceedings of the KDD Cup 2007, pages 54–58. ACM Press, 2007.
- [22] BAU, D.; TREFETHEN, L. N.. **Numerical linear algebra**. Society for Industrial and Applied Mathematics, 1997.
- [23] BERRY, M. W.. **Large scale sparse singular value computations**. Technical report, Department of Computer Science, University of Tennessee, 107 Ayres Hall Knoxville TN, 37996-1301, 2002.
- [24] ECKART, C.; YOUNG, G.. **The approximation of one matrix by another of lower rank**. Psychometrika, 1(3):211–218, 1936.
- [25] KOREN, Y.. **Factorization Meets the Neighborhood: A Multifaceted Collaborative Filtering Model**. Proc. 14th ACM SIGKDD Int'l Conf. Knowledge Discovery and Data Mining, ACM Press, 2008, pp. 426-434.
- [26] PATEREK, A.. **Improving Regularized Singular Value Decomposition for Collaborative Filtering**. Proc. KDD Cup and Workshop, ACM Press, 2007, pp. 39-42.
- [27] TAKÁCS, G.. **Major Components of the Gravity Recommendation System**. SIGKDD Explorations, vol. 9, 2007, pp. 80-84.
- [28] KOREN, Y.. **Collaborative Filtering with Temporal Dynamics**. Proc. 15th ACM SIGKDD Int'l Conf. Knowledge Discovery and Data Mining (KDD 09), ACM Press, 2009, pp. 447-455.
- [29] TSYMBAL, A.. **The problem of concept drift: Definitions and related work**. Technical Report TCD-CS-2004-15, Trinity College

- Dublin, 2004.
- [30] CONEJO, A. J.; CASTILLO, E.; MINGUEZ, R.; GARCIA-BERTRAND, R.. **Decomposition Techniques in Mathematical Programming: Engineering and Science Applications**. Springer, 2006.
- [31] DING Y.; LI, X.. **Time weight collaborative filtering**. Proc. 14th ACM international conference on Information and knowledge management (CIKM'04), pp. 485–492, 2004.
- [32] GLOBO.COM. <http://www.globo.com>. Último acesso em Agosto de 2011.
- [33] AUTOESPORTE :: CATÁLOGO DE VÍDEOS. <http://g1.globo.com/videos/autoesporte/>. Último acesso em Agosto de 2011.
- [34] COOKIES & GOOGLE ANALYTICS, <http://code.google.com/apis/analytics/docs/concepts/gaConceptsCookies.html>. Último acesso em Agosto de 2011.
- [35] PANDORA INTERNET RADIO. <http://www.pandora.com>. Último acesso em Agosto de 2011.
- [36] KIM, H. PARK, H.. **Non-negative matrix factorization based on alternating non-negativity constrained least squares and active set method**. Technical report, Technical Report GT-CSE-07-01, College of Computing, Georgia Institute of Technology, 2007.
- [37] KIM, J.; PARK, H.. **Toward Faster Nonnegative Matrix Factorization: A New Algorithm and Comparisons**. icdm, pp.353-362, 2008 EIGHTH IEEE INTERNATIONAL CONFERENCE ON DATA MINING, 2008.
- [38] PILÁSZY, I. TIKK, D.. **Recommending new movies: even a few ratings are more valuable than metadata**. in Proc. of the third

- ACM conf. on Recommender systems, pp. 93–100, New York, New York, USA, (2009). ACM.
- [39] SAID, A.; DE LUCA, E.; ALBAYRAK, S.. **How social relationships affect user similarities.** In Proceedings Of The 2010 Workshop On Social Recommender Systems, 2010, pp. 1–4.
 - [40] BONHARD, P.; SASSE, M.. **knowing me, knowing youusing profiles and social networking to improve recommender systems.** In Bt Technology Journal, vol. 24, no. 3, pp. 84–98, 2006.
 - [41] LEE, D.; SEUNG, H.. **Learning the parts of objects by non-negative matrix factorization.** Nature, vol. 401, no. 6755, pp. 788–791, 1999.
 - [42] WHITE, T.. **Hadoop: The Definitive Guide.** O'Reilly Press, second ed., 2010.
 - [43] SEROUSSI, Y.; BOHNERT, F.; ZUKERMAN, I.. **Personalized rating prediction for new users using latent factor models.** In Proceedings Of The 22nd ACM Conference On Hypertext And Hypermedia. ACM, 2011, pp. 47–56.
 - [44] ONO, C.; KUROKAWA, M.; MOTOMURA, Y.; ASOH, H. **A Context-Aware movie preference model using a bayesian network for recommendation and promotion.** In User Modeling 2007, 247–257, Springer-Verlag, (2007).
 - [45] GOLBECK, J.; HENDLER, J.. **FilmTrust: movie recommendations using trust in web-based social networks.** In CONSUMER COMMUNICATIONS AND NETWORKING CONF., 2006. CCNC 2006. 3rd IEEE, volume 1, pp. 282–286, (2006).
 - [46] FILMTRUST. <http://trust.mindswap.org/FilmTrust/>. Último acesso em Agosto de 2011.
 - [47] SINGH, A. P.; GORDON, G. J.. **Relational learning via collective**

- matrix factorization.** Proceeding of the 14th ACM SIGKDD international conference on Knowledge discovery and data mining, August 24-27, 2008.
- [48] AMATRIAIN, X.; PUJOL, J. M.; TINTAREV, N.; OLIVER, N.. **Rate it again: increasing recommendation accuracy by user re-rating.** Proceedings of the third ACM conference on Recommender systems, October 23-25, 2009.
- [49] LATHIA, N.; HAILES, S.; CAPRA, L.. **kNN CF: a temporal social network.** Proceedings of the 2008 ACM conference on Recommender systems, October 23-25, 2008.
- [50] AMATRIAIN, X.; LATHIA, N.; PUJOL, J. M.; KWAK, H.; OLIVER, N.. **The wisdom of the few: a collaborative filtering approach based on expert opinions from the web.** Proceedings of the 32nd international ACM SIGIR conference on Research and development in information retrieval, July 19-23, 2009.
- [51] LATHIA, N.; HAILES, S.; CAPRA, L.. **Temporal collaborative filtering with adaptive neighbourhoods.** Proceedings of the 32nd international ACM SIGIR conference on Research and development in information retrieval, July 19-23, 2009.
- [52] LEE, T. Q.; PARK, Y.; PARK, Y.. **An empirical study on effectiveness of temporal information as implicit ratings.** Expert Systems with Applications: An International Journal, v.36 n.2, p.1315-1321, March, 2009.
- [53] RAMASWAMY, L.; DEEPAK P.; POLAVARAPU, R.; GUNASEKERA, K.; GARG, D.; VISWESWARIAH, K.; KALYANARAMAN, S. **CAESAR: A Context-Aware, Social Recommender System for Low-End Mobile Devices.** Proceedings of the 2009 Tenth International Conference on Mobile Data Management: Systems, Services and Middleware, p.338-347, May 18-20, 2009.

- [54] SU, X.; KHOSHGOFTAAR, T. M.. **A survey of collaborative filtering techniques.** Advances in Artificial Intelligence, 2009, p.2-2, January 2009.
- [55] LEE, T. Q.; PARK, Y.; PARK, Y.. **An empirical study on effectiveness of temporal information as implicit ratings.** Expert Systems with Applications: An International Journal, v.36 n.2, p.1315-1321, March, 2009.
- [56] CELMA, O.. **Music Recommendation and Discovery in the Long Tail.** PhD thesis, Universitat Pompeu Fabra, Barcelona, Spain, 2008.
- [57] BALTRUNAS, L.; AMATRIAIN, X.. **Towards Time-Dependant Recommendation based on Implicit Feedback.** In *Proceedings of the third ACM conference on Recommender systems*, New York, USA, 2009, pp. 423--424.
- [58] SHEPITSEN, A.; GEMMELL, J.; MOBASHER, B.; BURKE, R.. **Personalized recommendation in social tagging systems using hierarchical clustering.** Proceedings of the 2008 ACM conference on Recommender systems, October 23-25, 2008.
- [59] KONSTAS, I.; STATHOPOULOS, V.; JOSE, J. M.. **On social networks and collaborative recommendation.** Proceedings of the 32nd international ACM SIGIR conference on Research and development in information retrieval, July 19-23, 2009.
- [60] HU, Y.; KOREN, Y.; VOLINSKY, C.. **Collaborative Filtering for Implicit Feedback Datasets.** Proceedings of the 2008 Eighth IEEE International Conference on Data Mining, p.263-272, December 15-19, 2008.
- [61] HERLOCKER, J. L.; KONSTAN, J. A.; RIEDL, J.. **Explaining collaborative filtering recommendations.** In *Proceedings of the 2000 ACM Conference on Computer Supported Cooperative Work*, ACM Press, pp. 241-250, 2000.

- [62] HILL, W.; STEAD, L.; ROSENSTEIN, M.; FURNAS, G.. **Recommending and Evaluating Choices in a Virtual Community of Use.** Proc. Conf. Human Factors in Computing Systems, 1995.
- [63] RESNICK, P.; IAKOVOU, N.; SUSHAK, M.; BERGSTROM, P.; RIEDL, J.. **GroupLens: An Open Architecture for Collaborative Filtering of Netnews.** Proc. 1994 Computer Supported Cooperative Work Conf., 1994.
- [64] SHARDANAND, U.; MAES, P.. **Social Information Filtering: Algorithms for Automating ‘Word of Mouth’.** Proc. Conf. Human Factors in Computing Systems, 1995.
- [65] BALABANOVIC M., SHOHAM Y .. **Fab: Content-based, collaborative recommendation.** Communications of the ACM, 66–72, 1997.
- [66] RESNICK P., AND VARIAN H. R.. **Recommender systems.** Communications of the ACM 40, 56–58, March 1997.
- [67] MELVILLE, P., MOONEY, R. J., NAGARAJAN, R.. **Content-boosted collaborative filtering for improved recommendations.** In EIGHTEENTH NATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE (pp. 187–192), 2002.
- [68] HERLOCKER, J, KONSTAN, J., TERVEEN, L., RIEDL, J. **Evaluating Collaborative Filtering Recommender Systems.** ACM Transactions on Information Systems 22, ACM Press, 5-53, 2004.