



 Geccivity
 Tutorial Website

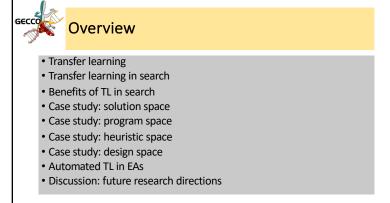
 https://www.cs.up.ac.za/cs/npillay/TLEA.htm
 • Transfer learn

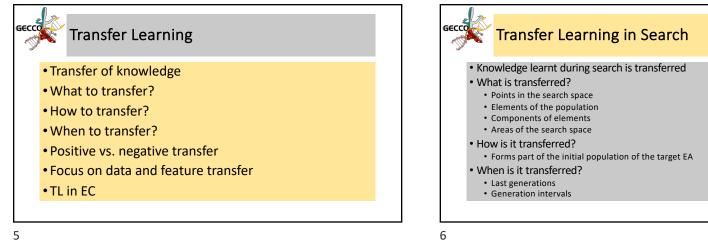
 • Transfer learn
 • Benefits of TL

 • Case study: p
 • Case study: p

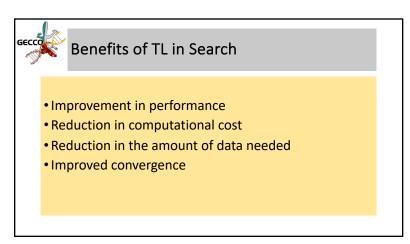
 • Case study: n
 • Case study: d

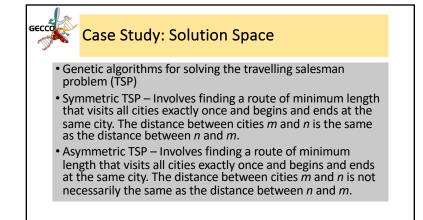
 • Discussion: fu
 • Discussion: fu

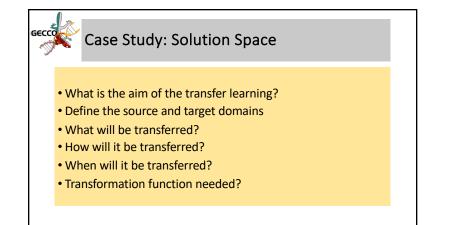






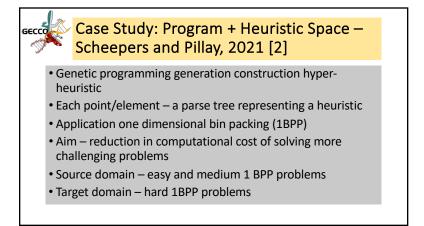


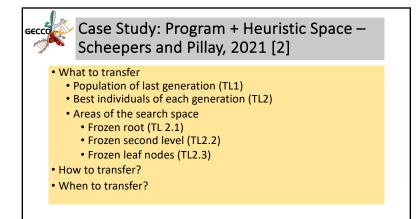


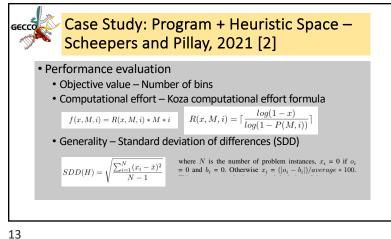


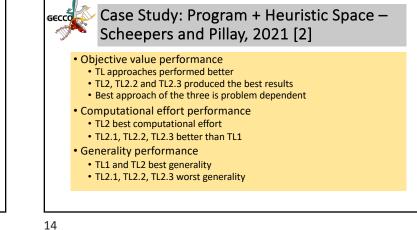


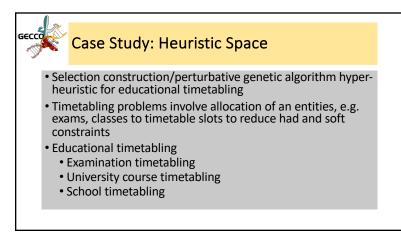
Solution Space TSP TL Case Study Discussion

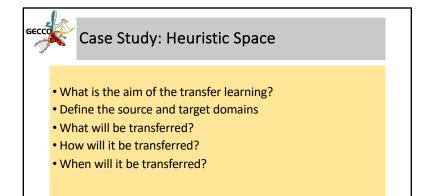




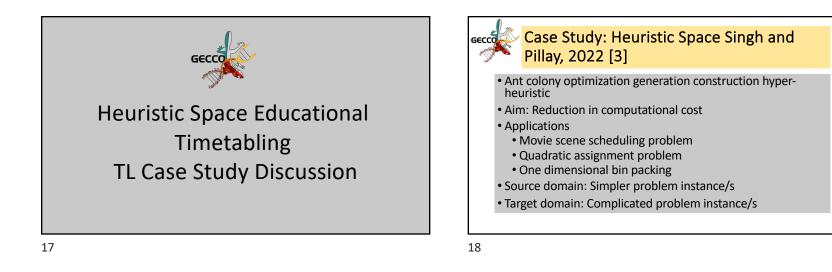


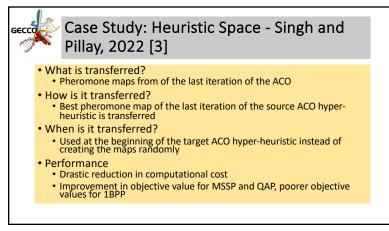


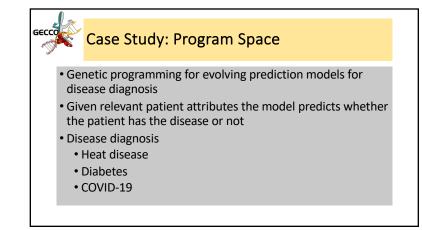


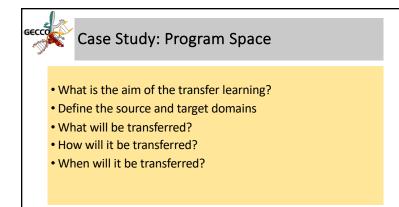




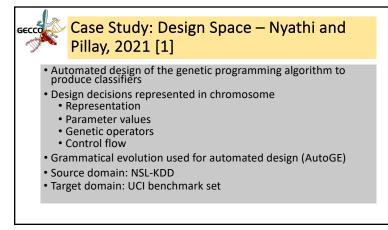


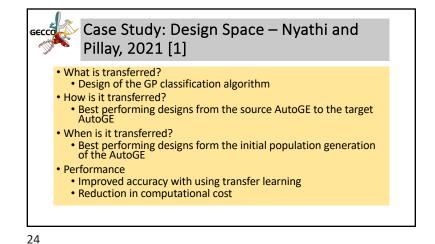


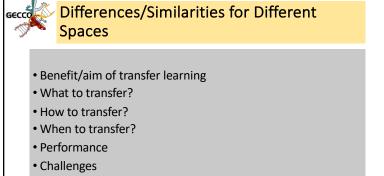




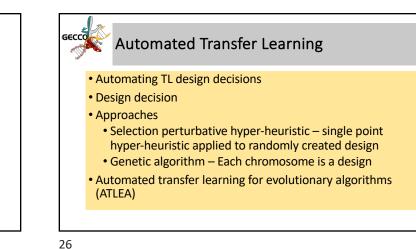










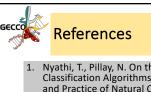






K Acknowledgements

This work is based on the research supported in part by the National Research Foundation of South Africa (Grant Numbers 138150). Opinions expressed and conclusions arrived at, are those of the author and are not necessarily to be attributed to the NRF.



 Nyathi, T., Pillay, N. On the Transfer Learning of Genetic Programming Classification Algorithms. Lecture Notes in Computer Science: Theory and Practice of Natural Computing, Tenth International Conference, TPNC 2021, December 2021, pp. 47-58.

- Scheepers, D., Pillay, N. A Study of Transfer Learning in a Generation Constructive Hyper-Heuristic for One Dimensional Bin Packing, Proceedings of the 2021 IEEE Symposium Series on Computational Intelligence (SSCI 2021), pp. 1-7, doi: 10.1109/SSCI50451.2021.9660092, 2021.When to transfer?
- 3. Singh, E. ,Pillay, N.. A Study of Transfer Learning in an Ant-Based Generation Construction Hyper-Heuristic. In proceedings of the IEEE World Congress for Computational Intelligence, accepted, 2022.

29

GECCO