

## 3.2 Erweiterung des Algorithmus von Hu auf

$P|p_j = p;intree|L_{max}$



Peter Brucker:

*Scheduling Algorithms.*

pp. 139–145, Springer-Verlag, Berlin-Heidelberg, 2007



E.G. Coffman, Jr., R.L. Graham:

*Optimal Scheduling for Two-Processor Systems.*

Acta Informatica **1** pp. 200–213, Springer-Verlag,  
Berlin-Heidelberg, 1972

### 3.3 Der Coffman-Graham-Algorithmus für

$P2|p_j = p; prec|C_{max}$



Joseph Y-T. Leung (Ed.):

*Handbook of Scheduling. Algorithms, Models, and Performance Analysis.*

pp. 3\_3–3\_6, Chapman&Hall/CRC, Boca Raton-London-New York, 2004

### 3.4 Erweiterung des Coffman-Graham-Algorithmus auf

$P2|p_j = p; prec|L_{max}$



Peter Brucker:

*Scheduling Algorithms.*

pp. 145–154, Springer-Verlag, Berlin-Heidelberg, 2007

## 4. List Scheduling

Zu den folgenden vier Unterabschnitten siehe



R.L. Graham:

*Bounds on Multiprocessing Timing Anomalies.*

SIAM J. Appl. Math. **17** pp. 416–429, Society for Industrial and Applied Mathematics: Philadelphia, PA, 1969



R.L. Graham:

*Bounds for Certain Multiprocessing Anomalies.*

Bell System Tech. J. **45** pp. 1563–1581, Bell Labs, 1966

### 4.1 Grundlagen und Definitionen

### 4.2 Anomalien

### 4.3 Schranke für die Approximationsgüte

### 4.4 Die Schranke ist scharf

## 4.5 Weitere Literatur zu List Scheduling und verwandten Themen



Joseph Y-T. Leung (Ed.):

*Handbook of Scheduling. Algorithms, Models, and Performance Analysis.*

pp. 15\_32–15\_34, Chapman&Hall/CRC, Boca Raton-London-New York, 2004



E.G. Coffman, Jr., Ravi Sethi:

*A Generalized Bound on LPT Sequencing.*

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E.G. Coffman, Jr., M.R. Garey, D.S. Johnson:

*An Application of Bin-Packing to Multiprocessor Scheduling.*

SIAM J. Comput. **7** pp. 1–17, Society for Industrial and Applied Mathematics: Philadelphia, PA, 1978



Susanne Albers:

*Better Bounds for Online Scheduling.*

SIAM J. Comput. **29** pp. 459–473, Society for Industrial and Applied Mathematics: Philadelphia, PA, 1999



Susanne Albers:

*On Randomized Online Scheduling.*

Proceedings of the 34th Annual ACM Symposium on Theory of Computing, STOC 2002, pp. 134–143, ACM Press: New York, 2002



Joseph Y-T. Leung (Ed.):

*Handbook of Scheduling. Algorithms, Models, and Performance Analysis.*

pp. 10.1–10.12, Chapman&Hall/CRC, Boca Raton-London-New York, 2004

## 5. LP-Algorithmen für Scheduling



Jon Kleinberg, Éva Tardos:

*Algorithm Design.*

pp. 637–643, Pearson Studium: Boston-San Francisco-New York, 2006