7.2. Parallelization Strategies

1. DD parallelization
2. Algebraic parallelization
3. Hybride (1. + 2.)

Ref.:

[1] Haase + Heise + Kuhn + Langer
In "Boundary Element Topics"
(ed. by W. Wendland), Springer, 1997
[2] Douglas + Haase + Langer
"A Tutorial ...", SIAM, 2003

7.3. Data-Sparse BE-Techniques

1. Multipole-Techniques: Rokhlin (1985), ...
2. Panel-Clustering: Hackbusch + Nowak (1989),
3. $\mathcal{H}$-, $\mathcal{H}^2$-Matrix-Techniques: Hackbusch (1999
4. Adaptive Cross Approximation: Rjasanow (1999),
5. Mosaic-techniques: Tyrtyshnikov (1997),
6. Wavelets: Dahmen + Prößdorf + Schneider (1994),
7. Multilevel techniques: Griebmann (2000),
8. Sparse-Grid-Techniques: Griebel et al (2000)

....

Ref:

[3] Rjasanow + Steinbach (2007)