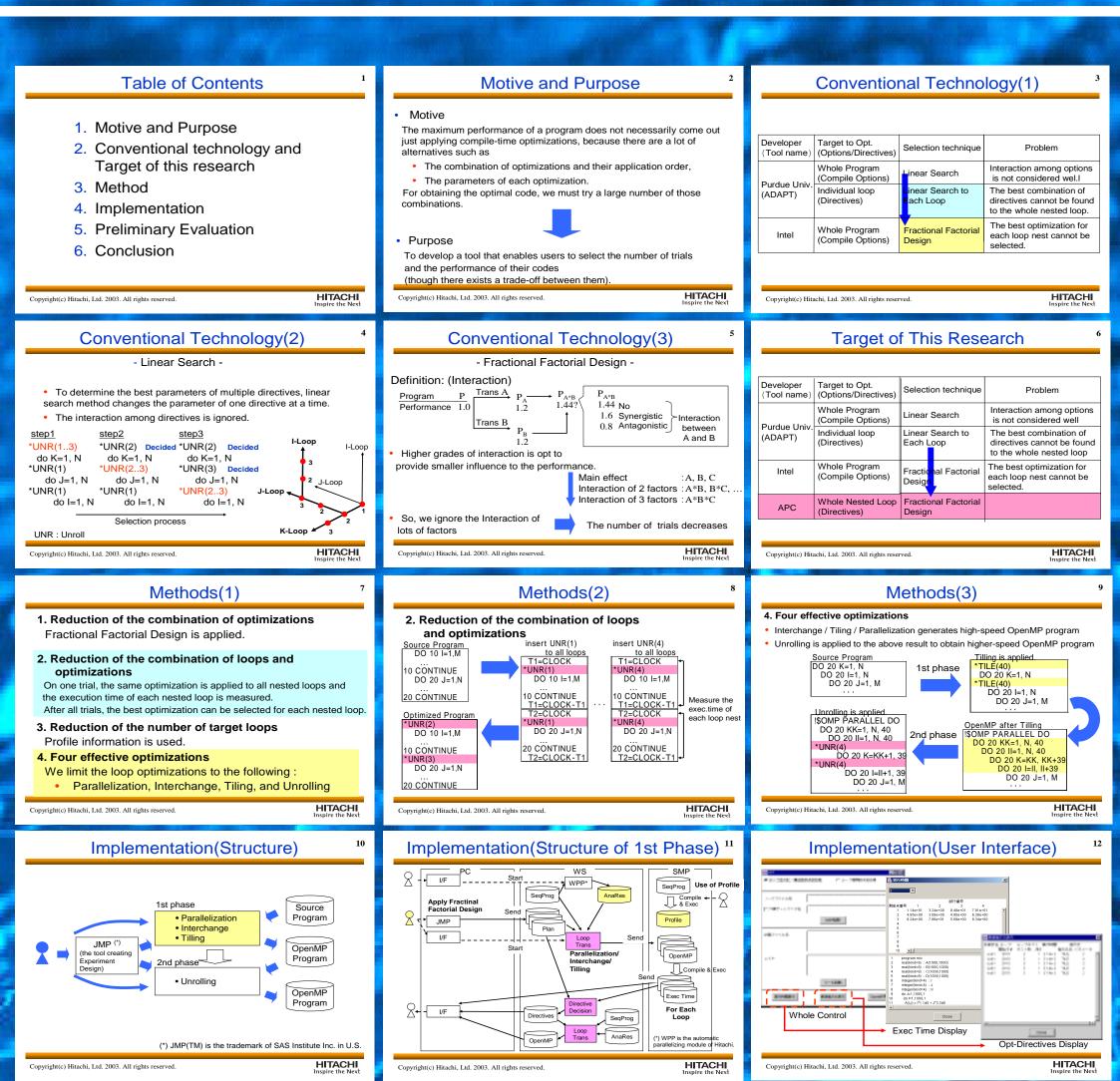
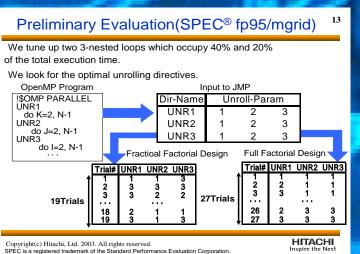


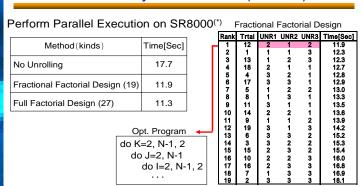
Feedback-Directed Selection Techniques of **Compiler Directives**

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(*) SR8000 is the Hitachi SMP machine whose node consisnts of 8PEs.(12GFlops/PE

Preliminary Evaluation (Result)

number of trials and the performance of their codes. Reduces the combination of optimizations Reduces the combination of loops and optimizations, Reduces the number of target loops by profile, and

Conclusion

We have developed a tool that enables users to select the

- applies four effective optimizations.
- We applied unrolling to two 3-nested loops in SPEC95/mgrid.
 - The near-optimal code was obtained in smaller number of combinations using Fractional Factorial Design.

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