

Processing the Results of the International Comparisons of Inductances

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The paper deals with processing of the results of the international comparisons of inductances. These comparisons were made within the framework both of the International Consultative Committee on Electricity and Magnetism under code “CCEM-K3” and COOMET 132DE/92 and COOMET 132/DE/95. The VNIIM and PTB participated in these comparisons. Processing of the comparison results is based on the uncertainty estimates obtained by each of the participants and made in accordance with the BIPM Recommendations, 2000, for expression of results in the Key Comparison Databank.

The comparisons results, the uncertainty estimates as well as the procedure for determination of a key comparison reference value and degree of equivalence are presented. The final results of data processing are presented.