

要 旨

日本語入力変換操作のインタフェース

-キー割当てに関する検討-

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日本語入力は英語入力と異なり，漢字変換という操作が必要である．漢字変換には文節区切りや文節移動といった，英文入力には無い入力操作が必要である．これを処理する日本語入力プログラムは数多く開発され，それぞれのプログラムで違ったキー操作が設定されている．ユーザは日本語入力プログラムごとにキー操作を使い分けなければならず，不便である．本研究では入力しやすいキー入力内容を調査し，その調査結果から有効なキー操作とキー配置を考慮した新提案キー割当てを提案した．この新提案キー割当てと既存の日本語入力プログラムである MS-IME と ATOK を比較した結果，新提案キー割当ての 1 ストロークによるカタカナ入力や Enter キーを有効利用した入力が有効であることが考えられる．

キーワード 日本語入力，漢字変換，キー操作，IME

Abstract

The interface of conversion operation of Japanese input

-Examination about Key Assignment-

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Japanese input is different from English input. This difference derives from the need of the operation of Japanese kanji character conversion. The input operations which are not in an English input interface, such as a clause pause and clause movement are required for Japanese kanji character conversion. Although the key operations have been developed by many Japanese input programs, they are different from each other in different programs. Therefore a user has to use key operation properly for every environment and it is inconvenient. In this research, the contents of a key input which are easy for input were investigated, and the new key assignment which took into consideration of effective key operation and key arrangement according to the results of an investigation was proposed. According to the result of comparing MS-IME and ATOK with this new proposal key assignment and the existing Japanese input program are embedded in, it is possible that the katakana input by one stroke of new proposal key assignment and the input which uses the Enter key are effective.

key words Japanese input, Japanese kanji conversion, key operation, Japanese input program