

พิมพ์ต้นฉบับบทคัดย่อวิทยานิพนธ์ภายในกรอบสี่เหลี่ยมนี้เพียงแผ่นเดียว

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PRAVIT PRATEEP: THE MODERN THAI CHARACTER FOR RESIDENTIAL ARCHITECTURE.

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Environmental factors, such as weather and geographical conditions, social, cultural, and technological factors, have had a major part in characterizing the design of traditional Thai architecture. Among these, the technological variable held to be the most significant factor leading to a sudden change in modern construction and design. Now, architects have valued the meaning of Thai architecture in helping to shape the modern Thai characteristic for residential architecture; this has occurred amidst a current trend of applying some features of conventional Thai architecture to modern ones as a part of plan to pass on invaluable Thai culture to next generations. Over past a decade, many have been brought to attention towards creating architectural design as can be seen that the Association of Siamese Architects Under Royal Patronage (ASA) has awarded several houses rich in the styles of modern Thai character. Building a house similar to the award-winning house has tentatively revolved around using long-established Thai architectural characteristic, based on materials used and technological advancement.

Serious thoughts have been given to theories and works in line with modern Thai character for residential architecture, based on the model of the award-winning houses, and with it a questionnaire about the attitudes toward the modern Thai character for residential architecture and its development among architects, building dwellers, the award committee of ASA and the architects specialized in Thai architecture. The questionnaire will be handed out to two groups of respondents--general architects and the general public.

The findings reveal the distinct physical elements of modern Thai architectural characteristics which include building grouping, roof profile, varanda, free-standing columns, gate way, inter-linkages between inner and outer space, the proportion and arrangement of void, balusters, gable end patterns, brackets, as well as landscape. The abstract modern Thai characters include lightness, transparency and shadiness. Nonetheless, the architects' conceptual patterns in the housing accord those of the general public in some areas, hinting that architects need to reckon with some specific factors. Architects must look upon the design including the harmony between the Thai character, surroundings, material used, and new technology in energy saving for their buildings. Not only that, the difference in attitudes among sampling group as to which direction the modern Thai character for residential architecture will take is also found, pointing architects to considering the general people's perception.

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