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## Effect of Pattern Elements on the Visual Impressions of Lateral Stripe Patterns on Ladies Legwear Models

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**Abstract:** To obtain fundamental information for designing lateral stripe patterns using white-black stripes on ladies legwear, effect of pattern elements on visual impressions of the stripes was studied using the semantic differential method from the perspective of Kansei engineering. Female university students were used as evaluators. Model images printed on white paper were used as samples. Numerical ranges of the line width of one-line and rectangular models that gave evaluators a thinner impression were clarified. When the same stripes were printed on different shapes (the rectangular model, the legtrapezoid model, and the leg model), their visual impressions obtained were partly identical and partly different. We identified two ladies leg models with white-black stripes that looked thinner, longer and more slender.

**Key Words:** [Stripe](#), [Pattern](#), [Visual impression](#), [Legwear](#)

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