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学位の種類	博士(工学)		
学位記番号	甲第330号		
学位授与年月日	平成30年3月19日		
学位授与の要件	学位規則第4条第1項		
研究科・専攻名	工学研究科・基盤工学専攻		
学位論文題目	Possible influences of target motion and attention to contribution of retinal adaptation effect in color constancy		
論文審査	(主査) 高知工科大学	教授	篠森 敬三
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審査結果の要旨

1. 論文の評価

[Questions and comments in the public presentation.]

(1) What kind of application will be expected from the result of this research?

Color constancy theory can be available for colored glasses and temporal change of illumination colors.

(2) What is the difference of vision between human and other animals?

Although it depends on the kind of animal, adaptation type of color constancy can be found in some of fishes.

(3) What is the scientific meaning of the rotation condition? Because the results were almost the same with the static condition.

To estimate the effect of the motion perception when the background was not moving.

(4) Why the Ebner's model was introduced to explain the data.

Since that model is only the model that is dealing with the object motion in color constancy.

[Comments from the assessment committee members]

(1) The candidate could answer all questions reasonably.

(2) Her presentation was much improved from the last year's presentation.

(3) If the effect of moving target can be explained by the temporal change of the background, the alternative way of the stimulus presentation is keeping the eye-fixation but the background is moving; this method can reduce the influence of eye movement.

(4) In the dissertation, some of figures for explanation did not have reference (citation) information. Add the citation for all explanation figures if they were cited.

2. 審査の経過と結果

(1) 平成30年1月10日 博士後期課程委員会で学位論文の受理を決定し、5名がその審査委員として指名された。

(2) 平成30年2月16日 公開論文審査発表会及び最終試験を実施した。

(3) 平成30年3月6日 博士後期課程委員会で学位授与を可とし、教育研究審議会で承認された。