

July 2, 1984

*Replied by phone
7/9/84 new*

Miss Dorothy Nickerson
4800 Fillmore Avenue, Apt. 450
Alexandria, Virginia 22311

Dear Dorothy:

Thank you for sending me a copy of your letter to Professor Richter dated June 27, 1984. He has inquired about reprints so I assume he will order some, but in any case I am sending you two copies of the journal that contains his article. Thank you for thinking of sending one to Betty Judd.

Reading farther in your letter I come to your paragraph regarding the relation between NCS and Munsell and I realize that I have been remiss in failing to keep you up to date on our work on that project. Anna Bencuya has almost completed her thesis and in a very few days I should be able to send you a copy. You will find in it tables of the conversion between NCS and Munsell, and many plots of value-chroma and hue-chroma showing where the NCS samples fall. This is the work on which we reported in a preliminary way at the 1983 Swedish AIC interim meeting.

We were able to provide equations for converting between value and NCS blackness, and between chroma and NCS chromaticness although in some cases the equations are more complex than the ones you and Dr. Judd derived in the 1975 paper. Unfortunately NCS hue scatters quite a bit and we concluded that it would not be worthwhile to try to produce equations relating Munsell and NCS hues. Nevertheless we agree completely with your conclusions with Dr. Judd that the two systems clearly sample the same underlying space.

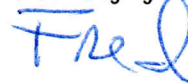
From the beginning we have anticipated sending you a copy of Anna's thesis as soon as possible, and I do hope that it complements rather than duplicates any work that you have been doing.

Joann Taylor has also finished her thesis and a copy of that, which you remember deals with multidimensional scaling of the OSA-UCS system, will also be coming to you very soon.

I am now cleaning out the 20 years accumulated material in my office and laboratories, which is a very big job. Some of it goes home, much to RIT, the Ingalls may take some, and there will still be lots left over. This should occupy me for several weeks at the very least but correspondence to the home address is quite correct.

With all best wishes,

Sincerely yours,



Fred W. Billmeyer, Jr.

FWB:pr

Enclosures