

1/21

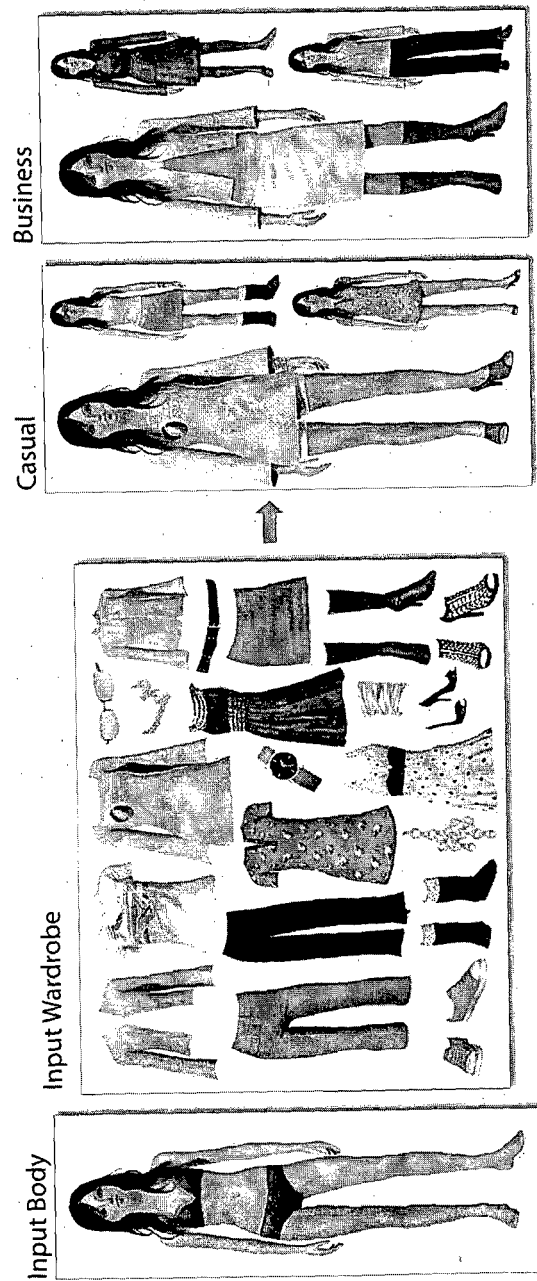


Figure 1

2/21

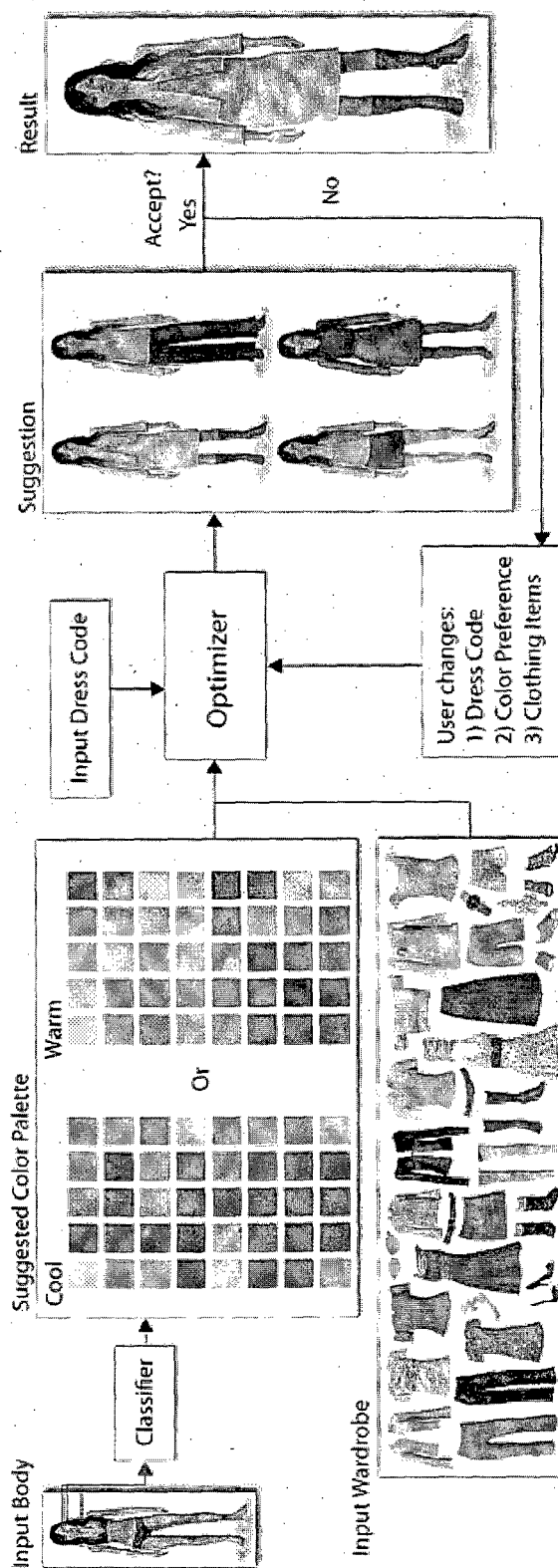


Figure 2

3/21

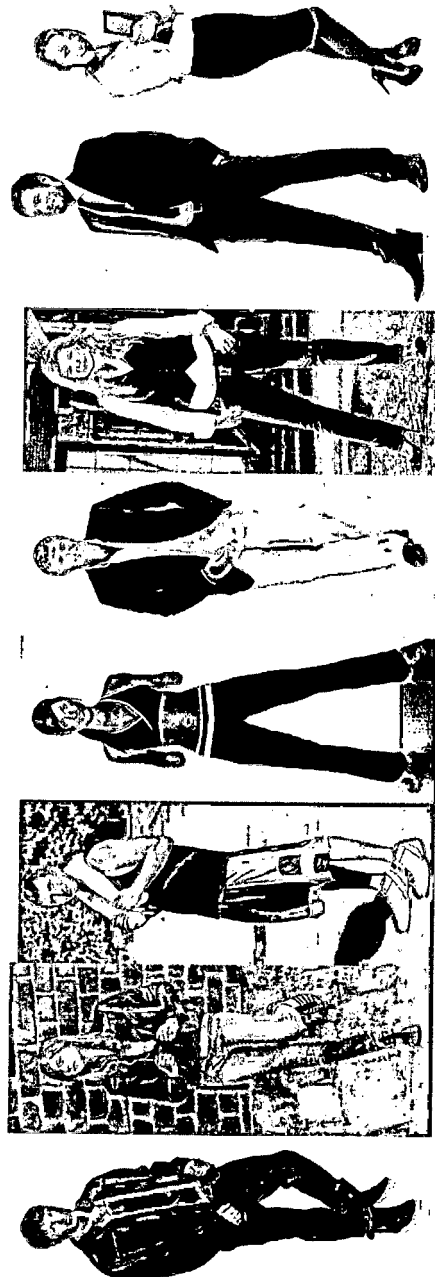


Figure 3

4/21

Example node	Example state
Dress Code	Casual, Sportswear, Business-Casual, Business
Chest 1	t-shirt, dress shirt, sleeveless
Chest 2	tank, sweater, vest, long t-shirt
Chest 3	suit jacket, jacket, hoodie, open sweater
Hip	jeans, shorts, dress pants
Foot	slippers, dress shoes, boots
Neck	necklace, scarf, tie, bow tie

Figure 4(a)

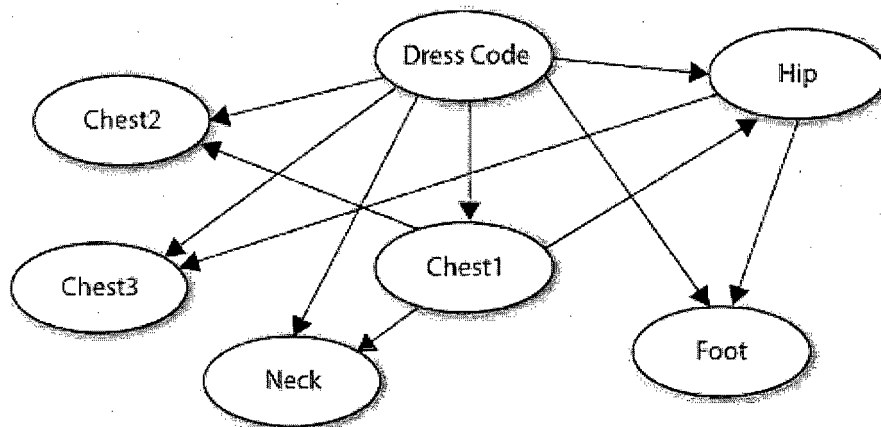


Figure 4(b)

5/21

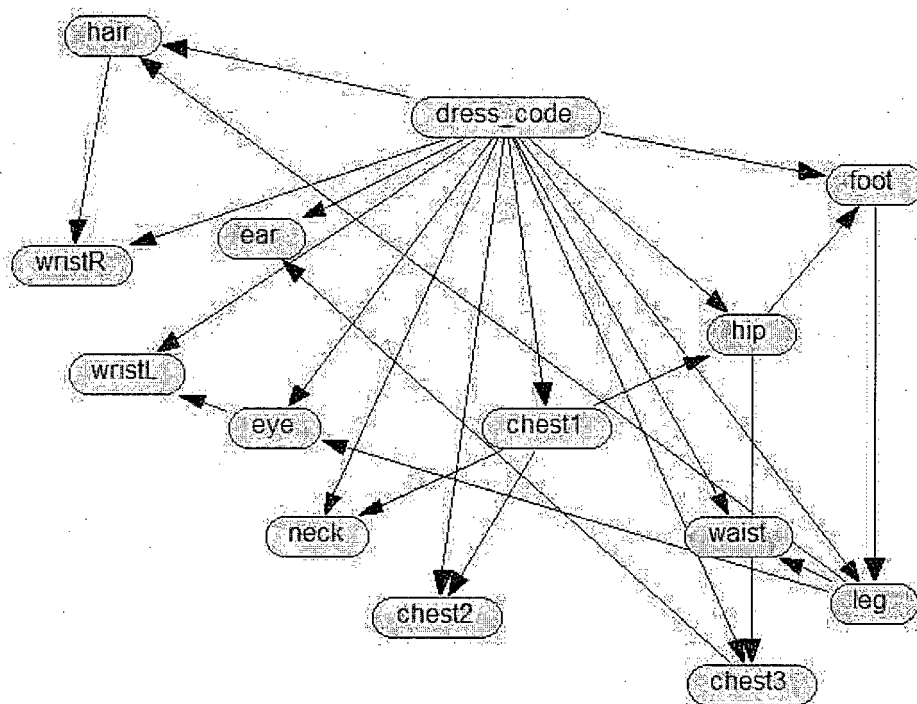


Figure 5

6/21

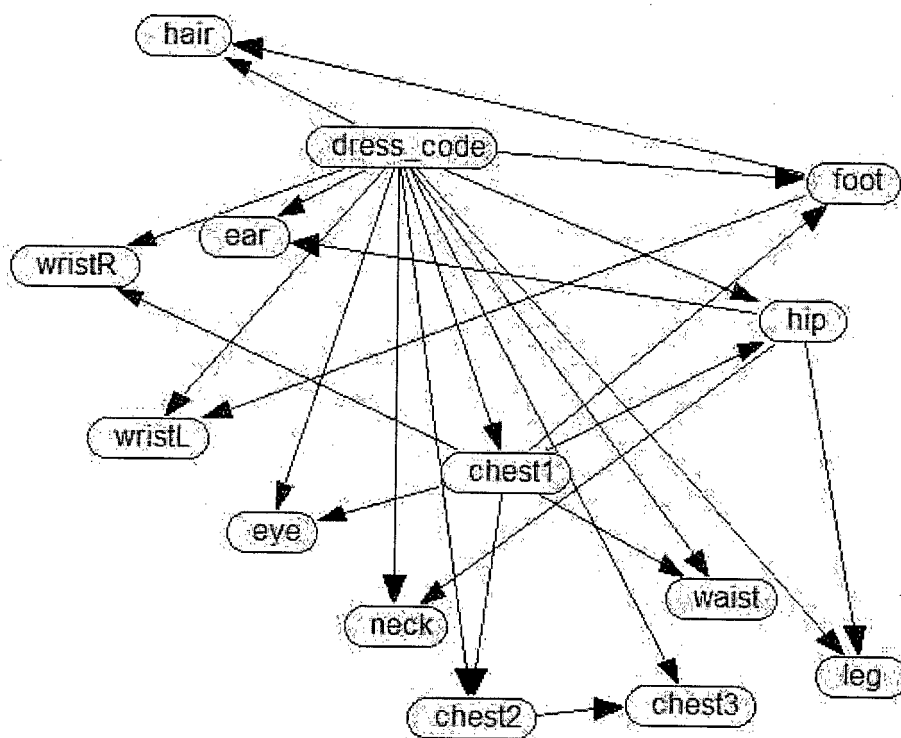


Figure 6

7/21



Figure 7

8/21

<i>(a) Conditional probabilities:</i>	
$P(\text{bracelet} \mid \text{dress code} = \text{Business})$	0.0691
$P(\text{bracelet} \mid \text{dress code} = \text{Business Casual})$	0.2456
$P(\text{bracelet} \mid \text{dress code} = \text{Casual})$	0.4591
$P(\text{bracelet} \mid \text{dress code} = \text{Sportswear})$	0.1023
<i>(b) Joint conditional probabilities:</i>	
$P(\text{dress} \mid \text{dress code} = \text{Business Casual})$	0.1706
$P(\text{dress} \mid \text{dress code} = \text{Business Casual}, \text{Foot} = \text{legging})$	0.6710
$P(\text{sweater} \mid \text{dress code} = \text{Business Casual})$	0.0504
$P(\text{sweater} \mid \text{dress code} = \text{Business Casual}, \text{Chest 1} = \text{dress shirt})$	0.1095
<i>(c) Conditional joint probabilities:</i>	
$P(\text{sport pants, sport shoes, tank} \mid \text{dress code} = \text{Sportswear})$	0.1181
$P(\text{sport pants, sport shoes, long t-shirt} \mid \text{dress code} = \text{Sportswear})$	0.0353
$P(\text{shorts, sport shoes, sweater} \mid \text{dress code} = \text{Sportswear})$	0.0007

Figure 8

9/21



Figure 9(a)

Body Attribute Description	Classification
(a) teal blue eyes, dirty blonde hair, peach skin	Autumn
(b) dark brown eyes, oyster white hair, ivory skin	Autumn
(c) black brown eyes, white hair, beige skin	Winter

Figure 9(b)

10/21

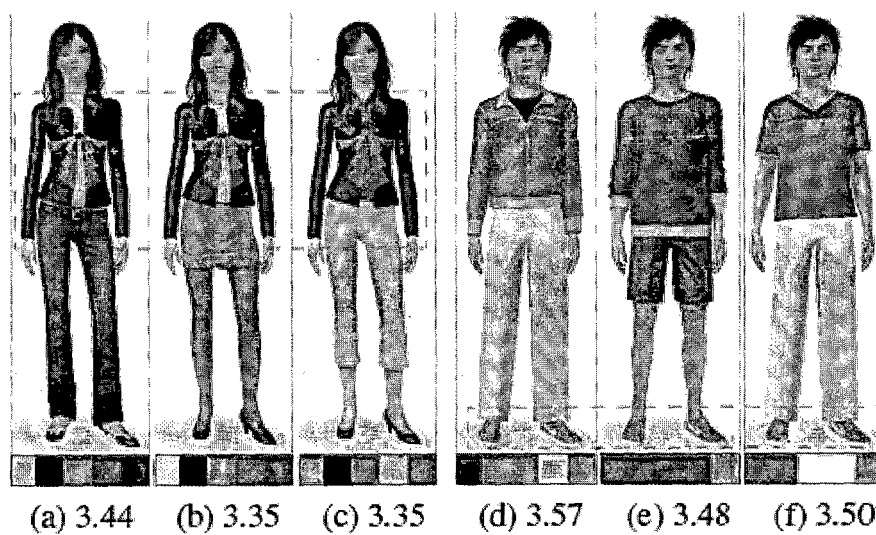


Figure 10

11/21

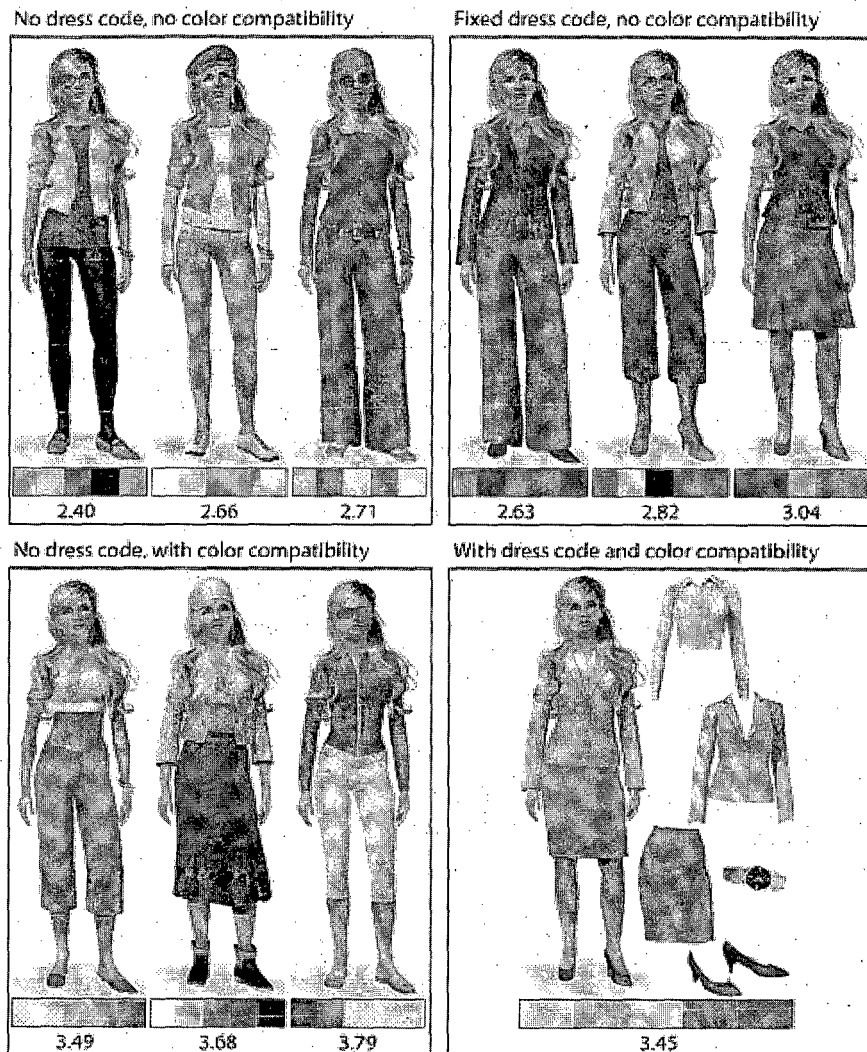


Figure 11

12/21

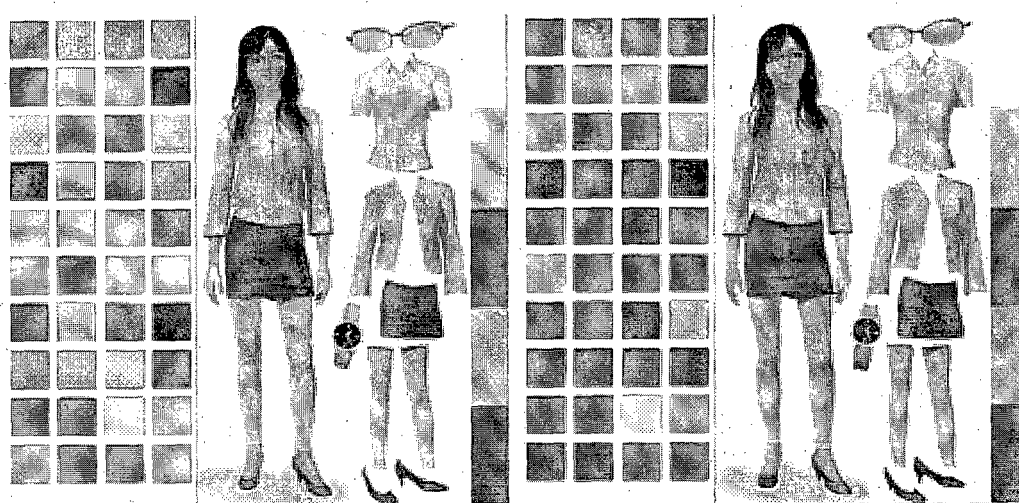


Figure 12

13/21

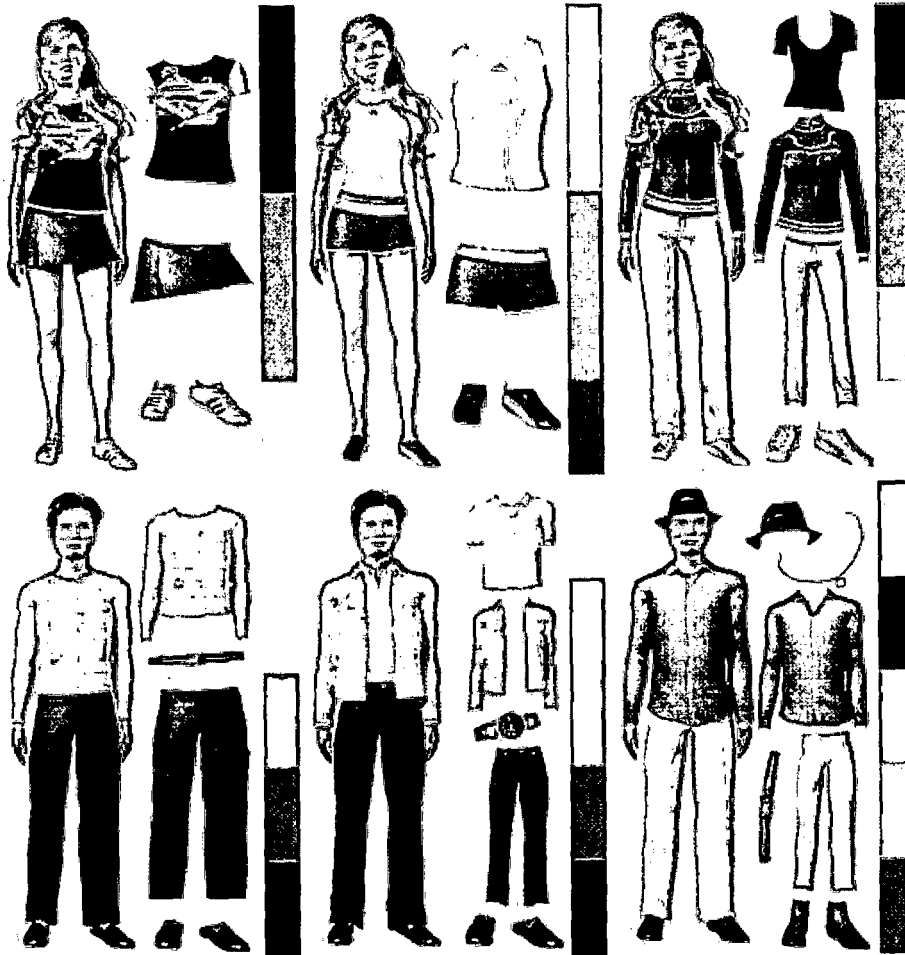
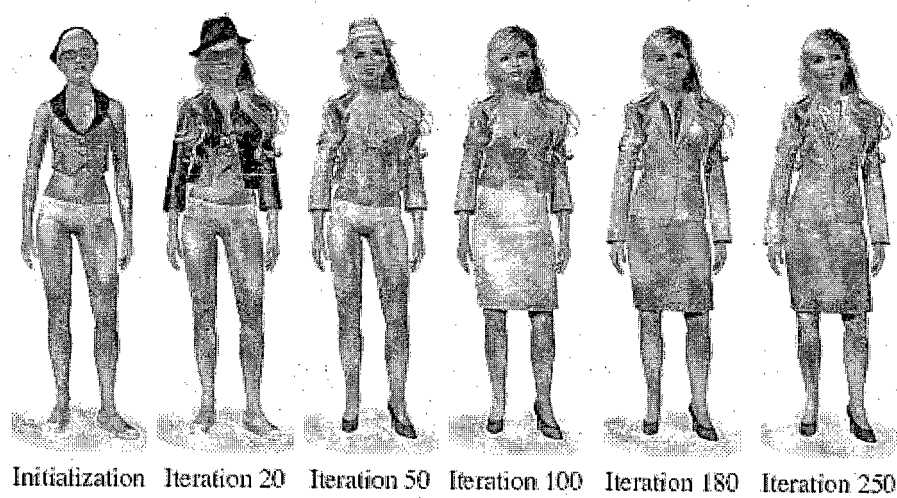


Figure 13

14/21

**Figure 14**

15/21



Figure 15

16/21

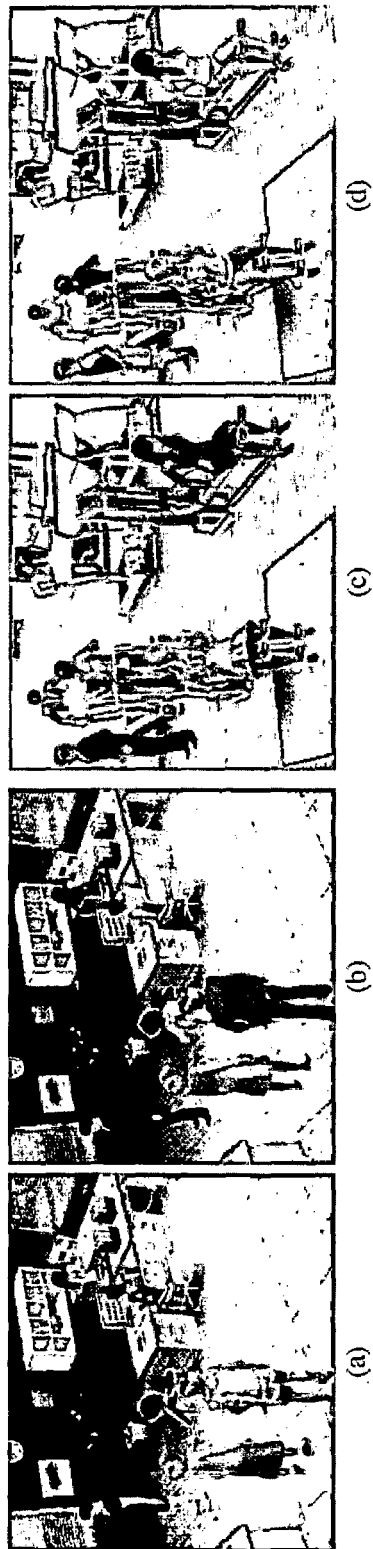


Figure 16

17/21

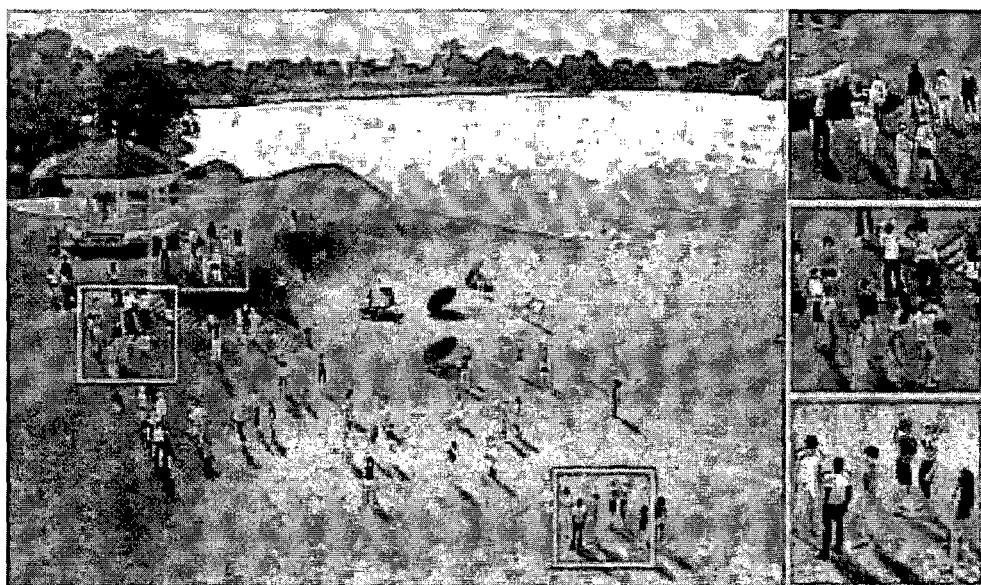


Figure 17

18/21

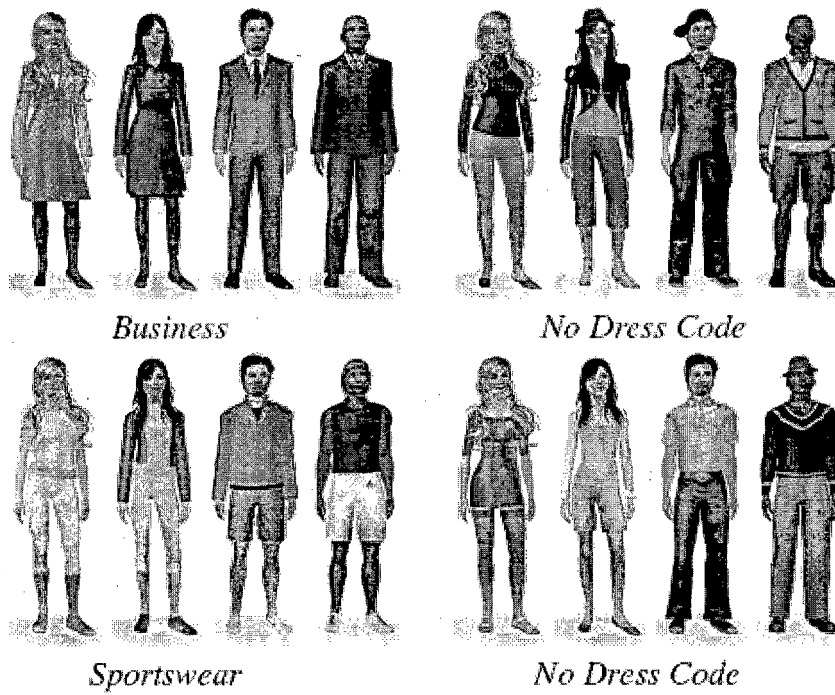


Figure 18

19/21

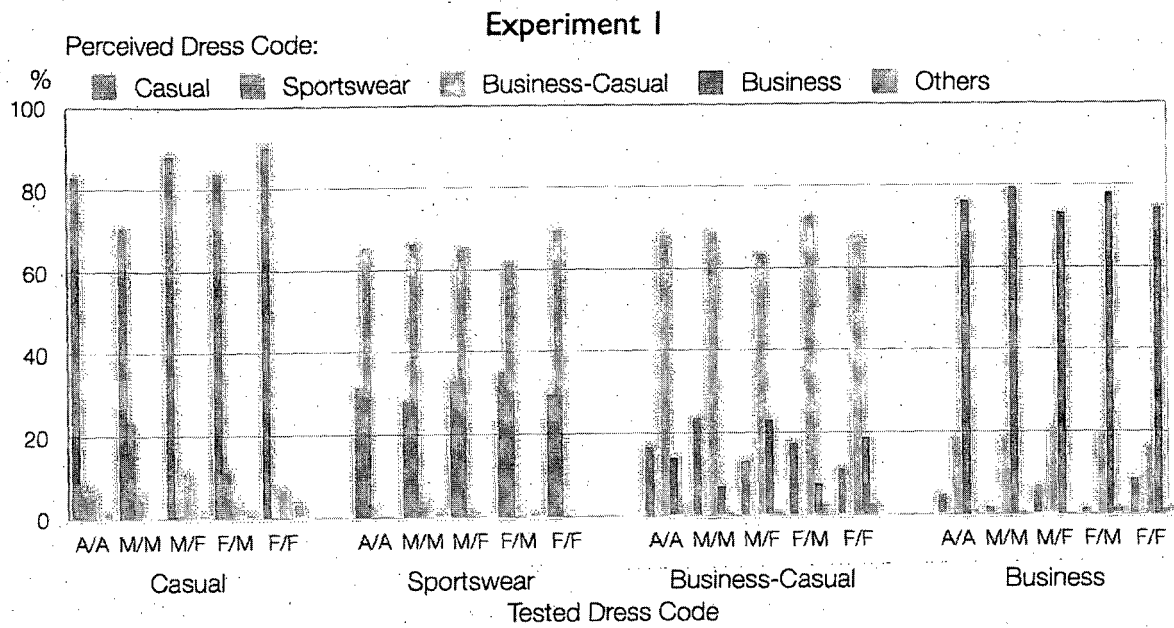


Figure 19(a)

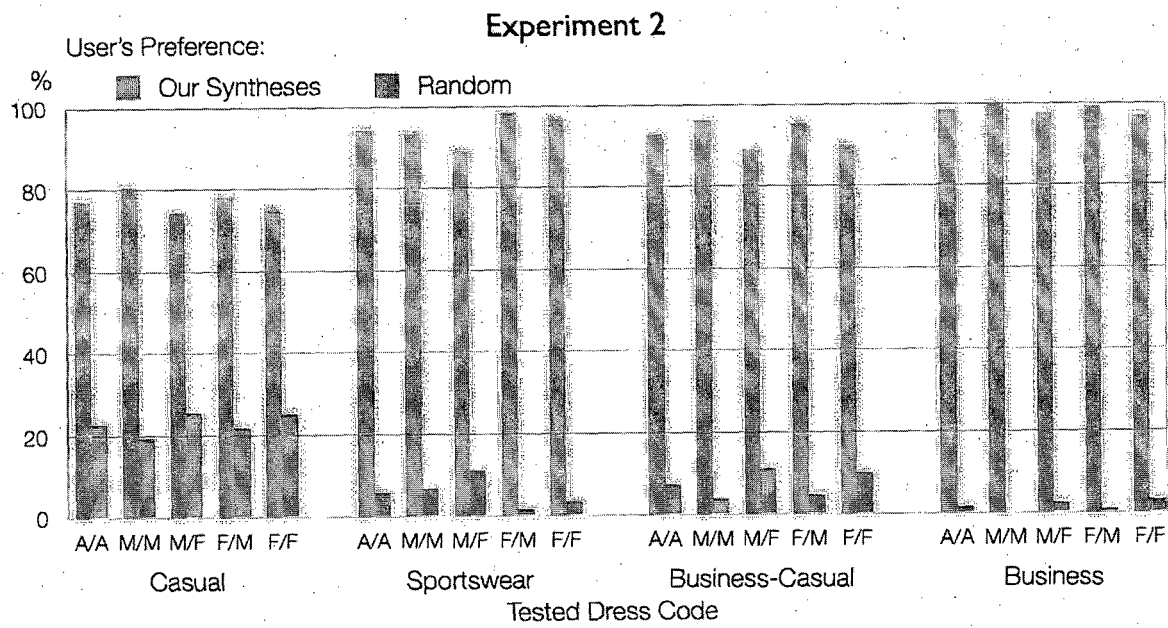


Figure 19(b)

20/21

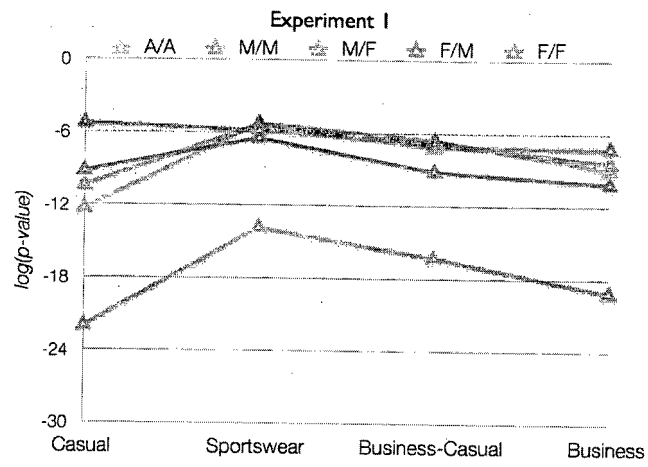


Figure 20(a)

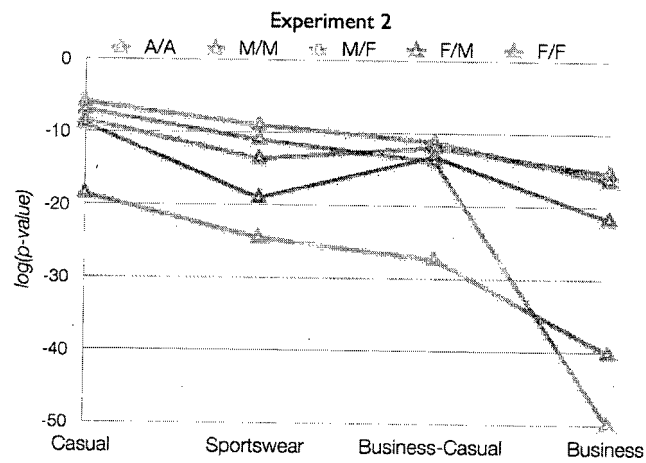


Figure 20(b)

21/21

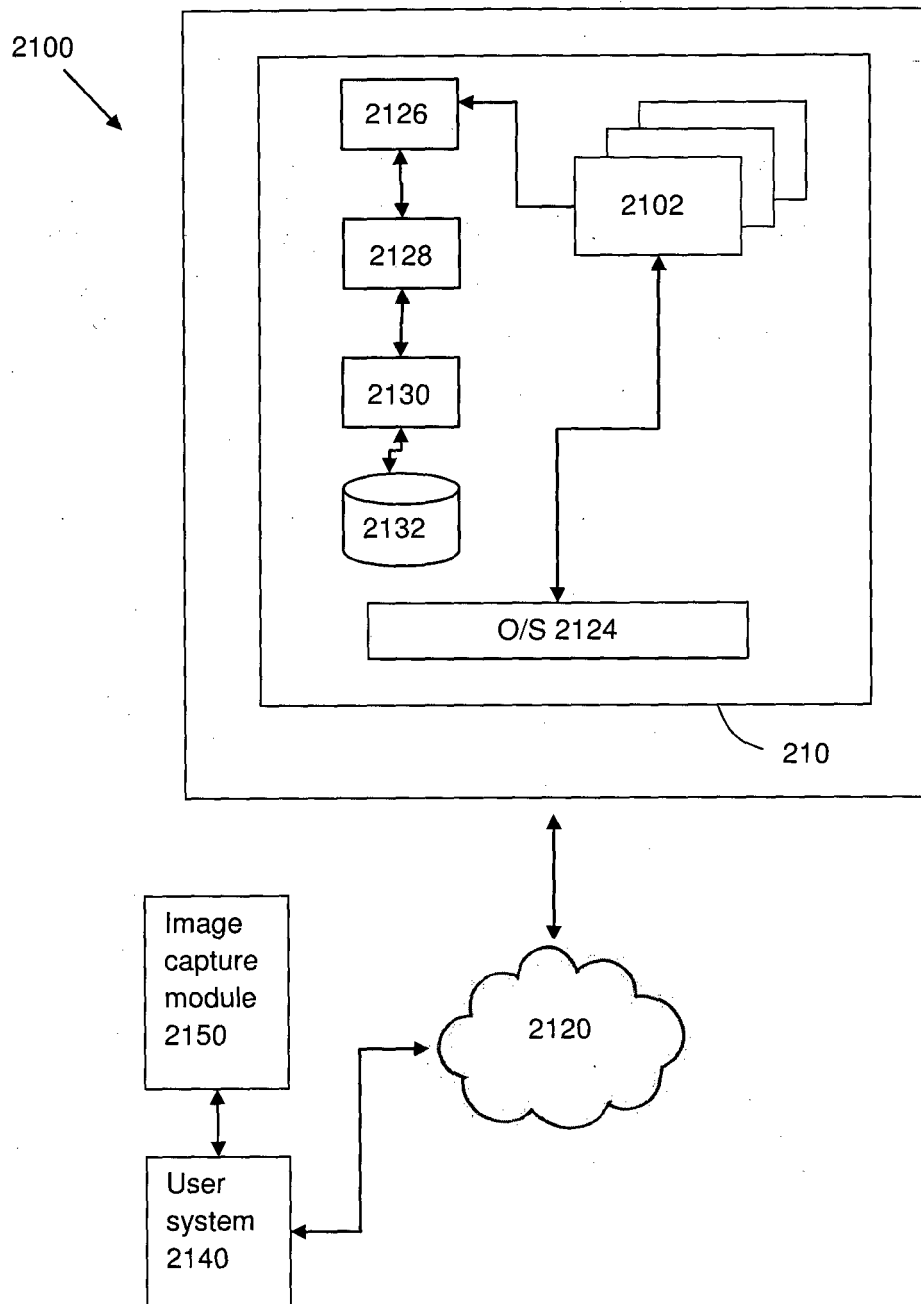


Figure 21