Appendix B

Table 1   YesOrNo set of the outputs of attribute set B1, B2 and B3 in fault 1 and 2

YesOrNo SET			
	B1	B2	B3
Fault 1	164 of 0; 76 of 1;	240 of 1;	4 of {1 4 43 3 3 }; 2 of {1 4 1 3 1 }; 4 of {2 3 4 3 3 }; 1 of {4 4 4 3 3 }; 4 of {1 4 4 3 3 }; 2 of {1 4 41 3 31 }; 7 of {2 4 4 3 3 }; 1 of {4 41 4 31 34 }; 3 of {1 4 4 2 2 }; 2 of {1 434 4 3 3 }; 1 of {2 3 43 34 34 }; 1 of {1 3 43 3 3143 }; 5 of {1 3 43 3 3 }; 1 of {2 3 434 3 343 }; 6 of {1 3 4 3 3 }; 1 of {2 3 312 23 23 }; 2 of {1 3 4 2 2 }; 1 of {1 3 34 3 3 }; 1 of {1 3 3 2 2 }; 1 of {1 3 413 2 2 }; 1 of {2 3 34 3 3 }; 1 of {3 43 43 3 3 }; 1 of {4 43 43 3 3 }; 1 of {1 43 4 3 3 }; 6 of {1 323 4 3 3 }; 2 of {1 34 4 3 3 }; 1 of {3 43 4 3 3 }; 2 of {3 3 4 3 3 }; 1 of {2 4 434 2 2 }; 1 of {1 43 4 3 23 }; 1 of {4 4 43 3 3 }; 1 of {1 312 43 23 23 }; 1 of {2 3 413 2 2 }; 1 of {2 4 43 2 2 }; 1 of {2 3 34 2 2 }; 1 of {2 4 43 3 34 }; 1 of {2 4 4 1 1 }; 1 of {2 4 2 3 1 }; 1 of {2 4 434 3 1 }; 1 of {2 4 43 1 343 }; 1 of {2 3 43 34 3134 }; 1 of {2 3 43 34 3234 }; 1 of {2 4 43 3 3 }; 1 of {2 4 42 3 3 }; 1 of {2 4 43 34 34 }; 1 of {2 4 42 34 34 }; 2 of {1 3 42 3 3 }; 2 of {1 4 424 3 3 }; 2 of {1 4 434 3 3 }; 1 of {1 3 43 34 3134 }; 1 of {1 3 43 34 3234 }; 1 of {1 4 42 3 3 }; 1 of {1 4 43 34 34 }; 1 of {1 4 42 34 34 }; 2 of {2 431 4 321 34 }; 1 of {2 414 4 313 3 }; 10 of {1 414 4 313 3 }; 4 of {1 414 4 3123 3 }; 1 of {1 414 4 2 2 }; 1 of {1 431 4 31 3 }; 1 of {1 41 4 31 3 }; 1 of {1 431 4 31 34 }; 2 of {1 4134 4 3123 3 }; 2 of {1 4134 4 323 3 }; 1 of {1 414 4 232 2 }; 1 of {1 414 4 212 2 }; 1 of {1 414 4 2132 2 }; 1 of {1 414 4 3213 3 }; 1 of {1 4314 4 3213 3 }; 1 of {2 4 414 2 212 }; 1 of {2 4 4134 3 3143 }; 1 of {2 4 41 34 31 }; 1 of {3 431 4 321 34 }; 18 of {3 414 4 313 3 }; 8 of {3 414 4 3123 3 }; 1 of {3 414 4 3143 3 }; 1 of {3 41 4 31 243 }; 2 of {3 41 4 31 34 }; 1 of {3 41 4 31 3 }; 1 of {3 431 4 31 34 }; 1 of {3 424 4 3134 34 }; 1 of {3 424 4 313 3 }; 1 of {3 414 4 212 2342 }; 1 of {3 414 4 212 232 }; 1 of {3 414 4 212 242 }; 1 of {3 414 4 212 2432 }; 1 of {3 414 3 313 3 }; 2 of {4 4 414 3 313 }; 2 of {4 4 414 232 212 }; 1 of {1 4314 4 313 3 }; 1 of {1 414 4 2312 2 }; 1 of {1 4 2 3 2 }; 3 of {2 4 4 2 2 }; 1 of {2 4 434 3 3 }; 1 of {1 31 4 231 2 }; 1 of {2 3 41 34 31 }; 1 of {2 4 431 3 1 }; 1 of {2 4 431 23 1 }; 2 of {2 4 41 23 21 }; 1 of {1 41 4 21 23 }; 1 of {2 41 1 41 31 }; 1 of {1 31 31 31 31 }; 1 of {2 41 41 431 431 }; 1 of {2 321 31 31 321 }; 7 of {2 4 1 3 1 }; 1 of {4 4 41 343 31 }; 1 of {2 4 1 343 1 }; 1 of {2 4 41 1 1 }; 1 of {2 4 41 1 21 }; 1 of {2 4 41 1 31 }; 1 of {2 4 431 1 341 }; 1 of {2 4 14 32 1 }; 1 of {1 4 43 1 343 };
Fault 2	130 of 0; 18 of 1;	148 of 2;	6 of {1 434 4 3 3 }; 2 of {4 41 4 31 34 }; 4 of {2 3 4 3 3 }; 3 of {1 4 4 3 3 }; 2 of {2 4 4 3 3 }; 2 of {1 4 434 3 3 }; 1 of {2 4 4 2 2 }; 1 of {2 4 434 3 3 }; 2 of {2 434 4 3 3 }; 4 of {4 4 4 3 3 }; 3 of {1 4 1 3 1 }; 1 of {1 3 32 3213 3 }; 14 of {1 3 4 3 3 }; 1 of {3 323 4 34 34 }; 3 of {1 3 3 2 2 }; 1 of {2 313 313 323 323 }; 3 of {2 3 3 2 2 }; 1 of {1 3 41 3 341 }; 1 of {3 313 414 3413 3413 }; 1 of {1 313 434 2 2 }; 3 of {1 323 4 3 3 }; 1 of {1 3 434 2 2 }; 1 of {1 3 434 1 1 }; 2 of {1 3 323 2 2 }; 1 of {1 313 3123 323 323 }; 2 of {1 3 434 3 3 }; 1 of {2 4 323 3 3 }; 1 of {1 323 4 32 32 }; 1 of {1 3 4 2 2 }; 1 of {1 323 434 32 32 }; 1 of {1 3 31 3 31 }; 1 of {1 3 21 23 2341 }; 2 of {2 3 323 2 2 }; 1 of {2 323 32 23 23 }; 1 of {2 3 313 2 2 }; 1 of {2 4 43 23 23 }; 1 of {1 41 1 321 31 }; 1 of {1 434 434 3 3 }; 1 of {2 434 434 343 3 }; 1 of {1 434 1 343 1 }; 1 of {1 4 1 343 1 }; 1 of {1 4 4 2 2 }; 1 of {1 4 4 32 32 }; 4 of {4 313 414 3413 3413 }; 1 of {2 3 41 34 341 }; 1 of {3 431 431 31 321 }; 1 of {4 431 431 321 321 }; 2 of {2 4 1 3 1 }; 1 of {3 41 4 431 4 }; 1 of {3 41 4 341 34 }; 2 of {2 4 41 34 321 }; 1 of {2 4 421 3 1 }; 2 of {2 3 1 3 1 }; 1 of {3 41 4 321 34 }; 1 of {2 3 31 4 431 }; 1 of {2 3 1 23 1 }; 1 of {2 4 21 3 321 }; 1 of {2 4 31 1 31 }; 3 of {1 4 31 1 31 }; 2 of {4 4 4 32 32 }; 1 of {2 3 4 3 34 };

Table 2   YesOrNo set of the outputs of attribute set B1, B2 and B3 in fault 3, 4, 5, 6

YesOrNo SET			
	B1	**B2**	**B3**
Fault 3	134 of 0; 11 of 1;	67 of 1; 47 of 2; 31 of 0;	1 of {2 3 43 34 34 }; 1 of {1 3 43 3 3143 }; 5 of {1 3 43 3 3 }; 1 of {2 3 434 3 343 }; 24 of {1 3 4 3 3 }; 1 of {2 3 312 23 23 }; 4 of {1 3 4 2 2 }; 1 of {1 3 34 3 3 }; 4 of {1 3 3 2 2 }; 1 of {1 3 413 2 2 }; 1 of {2 3 34 3 3 }; 1 of {3 43 43 3 3 }; 1 of {4 43 43 3 3 }; 1 of {1 43 4 3 3 }; 9 of {1 323 4 3 3 }; 2 of {1 34 4 3 3 }; 1 of {3 43 4 3 3 }; 3 of {3 3 4 3 3 }; 1 of {2 4 434 2 2 }; 1 of {1 43 4 3 23 }; 1 of {4 4 43 3 3 }; 1 of {1 312 43 23 23 }; 1 of {2 3 413 2 2 }; 1 of {2 4 43 2 2 }; 1 of {2 3 34 2 2 }; 1 of {2 4 43 3 34 }; 1 of {2 4 4 1 1 }; 1 of {2 4 2 3 1 }; 1 of {2 4 434 3 1 }; 1 of {2 4 43 1 343 }; 1 of {2 3 43 34 3134 }; 1 of {2 3 43 34 3234 }; 1 of {2 4 43 3 3 }; 1 of {2 4 42 3 3 }; 1 of {2 4 43 34 34 }; 1 of {2 4 42 34 34 }; 2 of {1 3 42 3 3 }; 2 of {1 4 424 3 3 }; 2 of {1 4 434 3 3 }; 3 of {1 4 43 3 3 }; 1 of {1 3 43 34 3134 }; 1 of {1 3 43 34 3234 }; 1 of {1 4 42 3 3 }; 1 of {1 4 43 34 34 }; 1 of {1 4 42 34 34 }; 1 of {1 3 32 3213 3 }; 1 of {3 323 4 34 34 }; 1 of {2 313 313 323 323 }; 7 of {2 3 3 2 2 }; 1 of {1 3 41 3 341 }; 1 of {3 313 414 3413 3413 }; 1 of {1 313 434 2 2 }; 1 of {1 3 434 2 2 }; 1 of {1 3 434 1 1 }; 2 of {1 3 323 2 2 }; 1 of {1 313 3123 323 323 }; 2 of {1 3 434 3 3 }; 1 of {2 4 323 3 3 }; 1 of {1 323 4 32 32 }; 1 of {1 323 434 32 32 }; 1 of {1 3 31 3 31 }; 1 of {1 3 21 23 2341 }; 2 of {2 3 323 2 2 }; 1 of {2 323 32 23 23 }; 2 of {2 3 313 2 2 }; 1 of {2 4 43 23 23 }; 3 of {2 3 3 3 3 }; 1 of {4 4 3 3 3413 }; 1 of {4 4 3 3 313 }; 2 of {1 4 3 3 323 }; 1 of {1 4 3 3 3413 }; 1 of {1 4 3 3 3423 };
Fault 4	16 of 0; 65 of 1;	79 of 1; 1 of 2; 1 of 0;	2 of {2 431 4 321 34 }; 1 of {2 414 4 313 3 }; 10 of {1 414 4 313 3 }; 4 of {1 414 4 3123 3 }; 1 of {1 414 4 2 2 }; 1 of {1 431 4 31 3 }; 1 of {1 41 4 31 3 }; 1 of {1 431 4 31 34 }; 2 of {1 4134 4 3123 3 }; 2 of {1 4134 4 323 3 }; 1 of {1 414 4 232 2 }; 1 of {1 414 4 212 2 }; 1 of {1 414 4 2132 2 }; 1 of {1 414 4 3213 3 }; 1 of {1 4314 4 3213 3 }; 1 of {2 4 414 2 212 }; 1 of {2 4 4134 3 3143 }; 1 of {2 4 41 34 31 }; 1 of {3 431 4 321 34 }; 18 of {3 414 4 313 3 }; 8 of {3 414 4 3123 3 }; 1 of {3 414 4 3143 3 }; 1 of {3 41 4 31 243 }; 2 of {3 41 4 31 34 }; 1 of {3 41 4 31 3 }; 1 of {3 431 4 31 34 }; 1 of {3 424 4 3134 34 }; 1 of {3 424 4 313 3 }; 1 of {3 414 4 212 2342 }; 1 of {3 414 4 212 232 }; 1 of {3 414 4 212 242 }; 1 of {3 414 4 212 2432 }; 1 of {3 414 3 313 3 }; 2 of {4 4 414 3 313 }; 2 of {4 4 414 232 212 }; 1 of {1 4314 4 313 3 }; 1 of {1 414 4 2312 2 }; 1 of {1 41 1 321 31 };
Fault 5	83 of 0; 12 of 1;	38 of 1; 40 of 2; 17 of 0;	1 of {1 43 4 3 3 }; 9 of {1 323 4 3 3 }; 2 of {1 34 4 3 3 }; 16 of {1 3 4 3 3 }; 1 of {3 43 4 3 3 }; 2 of {3 3 4 3 3 }; 2 of {2 4 434 2 2 }; 1 of {1 43 4 3 23 }; 1 of {4 4 43 3 3 }; 1 of {1 312 43 23 23 }; 1 of {2 3 413 2 2 }; 1 of {2 4 43 2 2 }; 1 of {2 3 34 2 2 }; 1 of {2 4 43 3 34 }; 2 of {1 4 4 2 2 }; 2 of {1 4 4 3 3 }; 1 of {1 4 2 3 2 }; 6 of {2 4 4 3 3 }; 3 of {2 4 4 2 2 }; 1 of {2 4 434 3 3 }; 1 of {1 4 41 3 31 }; 1 of {1 434 4 3 3 }; 1 of {1 313 434 2 2 }; 1 of {1 3 434 2 2 }; 1 of {1 3 434 1 1 }; 2 of {1 3 323 2 2 }; 1 of {1 313 3123 323 323 }; 2 of {1 3 434 3 3 }; 1 of {2 4 323 3 3 }; 1 of {1 323 4 32 32 }; 1 of {1 3 4 2 2 }; 1 of {1 323 434 32 32 }; 1 of {1 3 31 3 31 }; 1 of {1 3 21 23 2341 }; 2 of {2 3 323 2 2 }; 1 of {2 323 32 23 23 }; 4 of {2 3 3 2 2 }; 1 of {1 434 434 3 3 }; 1 of {2 434 434 343 3 }; 1 of {1 434 1 343 1 }; 1 of {1 4 1 343 1 }; 1 of {1 4 434 3 3 }; 1 of {2 434 4 3 3 }; 1 of {1 4 4 32 32 }; 3 of {2 3 3 3 3 }; 1 of {2 3 313 2 2 }; 1 of {4 4 3 3 3413 }; 1 of {4 4 3 3 313 }; 2 of {1 4 3 3 323 }; 1 of {1 4 3 3 3413 }; 1 of {1 4 3 3 3423 };
Fault 6	55 of 0; 9 of 1;	25 of 1; 22 of 2; 17 of 0;	1 of {1 31 4 231 2 }; 1 of {2 3 41 34 31 }; 1 of {2 4 431 3 1 }; 1 of {2 4 431 23 1 }; 2 of {2 4 41 23 21 }; 1 of {1 41 4 21 23 }; 1 of {2 41 1 41 31 }; 1 of {1 31 31 31 31 }; 1 of {2 41 41 431 431 }; 1 of {2 321 31 31 321 }; 10 of {2 4 1 3 1 }; 1 of {4 4 41 343 31 }; 1 of {2 4 1 343 1 }; 1 of {2 4 41 1 1 }; 1 of {2 4 41 1 21 }; 1 of {2 4 41 1 31 }; 1 of {2 4 431 1 341 }; 4 of {2 4 14 32 1 }; 4 of {4 313 414 3413 3413 }; 1 of {2 3 41 34 341 }; 1 of {3 431 431 31 321 }; 1 of {4 431 431 321 321 }; 1 of {3 41 4 431 4 }; 1 of {3 41 4 341 34 }; 2 of {2 4 41 34 321 }; 1 of {2 4 421 3 1 }; 2 of {2 3 1 3 1 }; 1 of {3 41 4 321 34 }; 1 of {2 3 31 4 431 }; 1 of {2 3 1 23 1 }; 1 of {2 4 21 3 321 }; 1 of {2 4 31 1 31 }; 1 of {1 4 31 1 31 }; 3 of {2 4 1 1 1 }; 2 of {1 14 4 1 32 }; 2 of {1 4 1 1 1 }; 2 of {1 4 14 32 1 };

Table 3   YesOrNo set of the outputs of attribute set B1, B2 and B3 in fault 7, 8, 9, 10, 11, 12

YesOrNo SET			
	B1	B2	B3
Fault 7	25 of 0; 1 of 1;	13 of 1; 13 of 2;	1 of {2 4 43 2 2 }; 1 of {2 3 34 2 2 }; 1 of {2 4 4 1 1 }; 1 of {2 4 2 3 1 }; 1 of {4 4 41 343 31 }; 6 of {2 4 1 3 1 }; 1 of {2 4 1 343 1 }; 1 of {2 4 41 1 1 }; 2 of {2 3 323 2 2 }; 1 of {2 323 32 23 23 }; 2 of {2 3 3 2 2 }; 1 of {2 3 313 2 2 }; 1 of {2 4 43 23 23 }; 2 of {2 3 1 3 1 }; 1 of {3 41 4 321 34 }; 1 of {2 3 31 4 431 }; 1 of {2 3 1 23 1 }; 1 of {2 4 21 3 321 };
Fault 8	20 of 0; 9 of 1;	8 of 1; 4 of 2; 17 of 0;	1 of {2 4 434 3 1 }; 1 of {2 4 43 1 343 }; 1 of {2 4 41 1 1 }; 1 of {2 4 41 1 21 }; 1 of {2 4 41 1 31 }; 1 of {2 4 431 1 341 }; 4 of {2 4 14 32 1 }; 1 of {1 4 43 1 343 }; 1 of {2 4 31 1 31 }; 3 of {1 4 31 1 31 }; 3 of {2 4 1 1 1 }; 2 of {1 14 4 1 32 }; 2 of {1 4 1 1 1 }; 2 of {1 4 14 32 1 };
Fault 9	1 of 1; 30 of 0;	4 of 2; 27 of 0;	3 of {1 4 4 32 32 }; 2 of {4 4 4 32 32 }; 2 of {2 3 4 3 34 }; 1 of {4 4 3 3 3413 }; 1 of {4 4 3 3 313 }; 2 of {1 4 3 3 323 }; 1 of {1 4 3 3 3413 }; 1 of {1 4 3 3 3423 };
Fault 10	18 of 0;	18 of 0;	2 of {1 4 1 3 1 }; 2 of {2 4 4 3 3 }; 2 of {2 4 4 2 2 }; 1 of {1 4 4 2 2 };
Fault 11	25 of 0;	25 of 1;	1 of {2 4 43 3 34 }; 1 of {2 3 43 34 3134 }; 1 of {2 3 43 34 3234 }; 1 of {2 4 43 3 3 }; 1 of {2 4 42 3 3 }; 1 of {2 4 43 34 34 }; 1 of {2 4 42 34 34 }; 4 of {1 3 43 3 3 }; 2 of {1 3 42 3 3 }; 2 of {1 4 424 3 3 }; 2 of {1 4 434 3 3 }; 3 of {1 4 43 3 3 }; 1 of {1 3 43 34 3134 }; 1 of {1 3 43 34 3234 }; 1 of {1 4 42 3 3 }; 1 of {1 4 43 34 34 }; 1 of {1 4 42 34 34 };
Fault 12	25 of 1;	25 of 0;	7 of {1 4 4 3 3 }; 3 of {2 4 4 3 3 }; 1 of {4 4 4 3 3 }; 2 of {2 3 3 2 2 };

Table 4　YesOrNo set of the outputs of attribute sets from B4 to B11 in fault 1, 2, 3 and 4

YesOrNo SET								
	B4	**B5**	**B6**	**B7**	**B8**	**B9**	**B10**	**B11**
Fault 1	72 of {2 2 2 }; 10 of {2 2 21 }; 12 of {2 2 1 }; 1 of {212 2 2 }; 1 of {21 1 2 }; 7 of {1 2 2 }; 3 of {12 2 2 }; 6 of {21 2 2 }; 2 of {2 21 21 }; 4 of {2 21 1 }; 2 of {2 2 212 }; 1 of {212 21 2 }; 1 of {2 21 212 }; 1 of {2 2 1212 }; 1 of {2121 2 2 }; 1 of {2 212 12 }; 1 of {2 1 1 }; 5 of {2 2 2121 }; 4 of {2 21212 2 }; 4 of {2 21 2 }; 63 of {212 212 212 }; 21 of {21 21 21 }; 3 of {21212 21212 21212 }; 1 of {21 21 1 }; 1 of {21 21 2121 }; 9 of {1 1 1 }; 1 of {1 21 21 }; 1 of {21 1 21 }; 1 of {12 12 12 };	199 of 0; 3 of 111; 5 of 11; 7 of 110; 9 of 10; 8 of 100; 7 of 1; 2 of 101;	232 of 0; 8 of 1;	206 of 0; 34 of 1;	170 of 1; 70 of 0;	75 of 0; 79 of 1; 27 of 2; 10 of 4; 1 of 10; 22 of 3; 8 of 7; 3 of 6; 6 of 8; 4 of 28; 4 of 29; 1 of 5;	227 of 0; 9 of 1; 3 of 2; 1 of 6;	227 of 0; 13 of 1;
Fault 2	77 of {2 2 2 }; 6 of {1 1 1 }; 10 of {1 2 2 }; 29 of {2 2 1 }; 1 of {21212 21212 1 }; 1 of {21212 1 1 }; 1 of {212 212 1 }; 1 of {21 1 2 }; 1 of {12 21 2 }; 1 of {212 121 2 }; 1 of {2 1 2 }; 1 of {2 21 2 }; 10 of {21 21 21 }; 4 of {21212 21212 21212 }; 1 of {1 21 21 }; 1 of {21 1 1 }; 2 of {21 21 1 };	51 of 111; 57 of 0; 22 of 110; 4 of 10; 4 of 1; 7 of 11; 2 of 100; 1 of 101;	148 of 0;	128 of 0; 20 of 1;	97 of 1; 51 of 0;	80 of 1; 35 of 0; 7 of 3; 14 of 2; 3 of 6; 4 of 4; 2 of 8; 1 of 10; 1 of 5; 1 of 7;	126 of 0; 5 of 11; 2 of 32; 2 of 22; 4 of 2; 3 of 1; 1 of 6; 1 of 7; 1 of 3; 2 of 5; 1 of 4;	127 of 0; 21 of 1;
Fault 3	10 of {2 2 21 }; 49 of {2 2 1 }; 1 of {212 2 2 }; 2 of {21 1 2 }; 20 of {1 2 2 }; 3 of {12 2 2 }; 6 of {21 2 2 }; 3 of {2 21 21 }; 4 of {2 21 1 }; 2 of {2 2 212 }; 1 of {212 21 2 }; 1 of {2 21 212 }; 1 of {2 2 1212 }; 1 of {2121 2 2 }; 1 of {2 212 12 }; 7 of {2 1 1 }; 5 of {2 2 2121 }; 4 of {2 21212 2 }; 5 of {2 21 2 }; 1 of {21212 21212 1 }; 1 of {21212 1 1 }; 1 of {212 212 1 }; 1 of {12 21 2 }; 1 of {212 121 2 }; 5 of {2 1 2 }; 2 of {12 1 2 }; 2 of {212 1 2 }; 1 of {2 1 21 };	75 of 0; 8 of 11; 27 of 110; 6 of 10; 22 of 100; 7 of 1;	143 of 0; 2 of 1;	145 of 0;	145 of 0;	41 of 0; 17 of 2; 53 of 1; 1 of 4; 1 of 10; 6 of 3; 7 of 7; 4 of 6; 7 of 8; 4 of 28; 4 of 29;	134 of 0; 6 of 1; 3 of 2; 1 of 6; 1 of 7;	134 of 0; 11 of 1;
Fault 4	3 of {2 2 2 }; 63 of {212 212 212 }; 12 of {21 21 21 }; 3 of {21212 21212 21212 };	81 of 0;	81 of 0;	69 of 0; 12 of 1;	81 of 1;	3 of 0; 31 of 1; 21 of 3; 16 of 2; 9 of 4; 1 of 5;	81 of 0;	81 of 0;

Table 5   YesOrNo set of the outputs of attribute set from B4 to B11 in fault 5, 6, 7, 8, 9, 10, 11, 12

YesOrNo SET								
	B4	**B5**	**B6**	**B7**	**B8**	**B9**	**B10**	**B11**
Fault 5	1 of {21 2 2 }; 30 of {2 2 1 }; 2 of {12 2 2 }; 4 of {2 21 1 }; 1 of {2 2 212 }; 1 of {2 2 21 }; 1 of {2 21 21 }; 10 of {1 2 2 }; 1 of {212 21 2 }; 1 of {2 21 212 }; 1 of {2 2 1212 }; 1 of {2121 2 2 }; 25 of {2 2 2 }; 1 of {212 212 1 }; 1 of {21 1 2 }; 1 of {12 21 2 }; 4 of {2 1 2 }; 1 of {212 1 2 }; 1 of {2 1 21 }; 1 of {12 1 2 }; 6 of {2 1 1 };	12 of 11; 31 of 110; 14 of 10; 23 of 100; 12 of 1; 3 of 101;	95 of 0;	95 of 0;	70 of 0; 25 of 1;	65 of 1; 1 of 4; 13 of 2; 1 of 10; 12 of 0; 3 of 3;	89 of 0; 4 of 1; 2 of 2;	89 of 0; 6 of 1;
Fault 6	3 of {21 21 1 }; 20 of {21 21 21 }; 1 of {21 21 2121 }; 24 of {1 1 1 }; 2 of {1 21 21 }; 1 of {21 1 21 }; 8 of {12 12 12 }; 4 of {21212 21212 21212 }; 1 of {21 1 1 };	64 of 0;	47 of 0; 17 of 1;	52 of 1; 12 of 0;	7 of 0; 57 of 1;	27 of 1; 9 of 2; 17 of 0; 2 of 7; 2 of 5; 2 of 3; 1 of 8; 2 of 4; 1 of 10; 1 of 6;	47 of 0; 4 of 2; 6 of 1; 1 of 6; 1 of 22; 1 of 32; 1 of 3; 2 of 5; 1 of 4;	48 of 0; 16 of 1;
Fault 7	1 of {2 21 212 }; 1 of {2 2 1212 }; 1 of {2 212 12 }; 1 of {2 1 1 }; 3 of {21 21 21 }; 10 of {1 1 1 }; 2 of {2 2 1 }; 1 of {21 1 2 }; 1 of {12 21 2 }; 1 of {212 121 2 }; 1 of {2 1 2 }; 1 of {2 21 2 }; 1 of {1 21 21 }; 1 of {21 1 1 };	1 of 100; 2 of 10; 20 of 0; 1 of 110; 2 of 1;	25 of 0; 1 of 1;	11 of 0; 15 of 1;	13 of 0; 13 of 1;	7 of 2; 7 of 1; 6 of 0; 1 of 5; 4 of 3; 1 of 6;	12 of 1; 7 of 2; 2 of 6; 1 of 7; 1 of 3; 2 of 5; 1 of 4;	26 of 1;
Fault 8	1 of {2 2 212 }; 1 of {2 2 2121 }; 4 of {21 21 21 }; 8 of {12 12 12 }; 8 of {2 2 2 }; 2 of {21 21 1 }; 5 of {1 1 1 };	29 of 0;	25 of 1; 4 of 0;	18 of 0; 11 of 1;	4 of 0; 25 of 1;	6 of 2; 1 of 3; 12 of 1; 10 of 0;	28 of 0; 1 of 1;	28 of 0; 1 of 1;
Fault 9	25 of {2 2 2 }; 6 of {2 1 1 };	1 of 101; 2 of 111; 22 of 0; 6 of 100;	31 of 0;	31 of 0;	25 of 1; 6 of 0;	2 of 1; 1 of 2; 26 of 0; 2 of 3;	30 of 0; 1 of 11;	30 of 0; 1 of 1;
Fault 10	18 of {2 2 2 };	18 of 0;	18 of 0;	18 of 0;	18 of 1;	18 of 0;	18 of 0;	18 of 0;
Fault 11	1 of {2121 2 2 }; 8 of {2 2 21 }; 4 of {21 2 2 }; 4 of {2 2 2121 }; 4 of {2 21212 2 }; 4 of {2 21 2 };	1 of 10; 24 of 0;	25 of 0;	25 of 0;	25 of 0;	1 of 10; 7 of 7; 3 of 6; 6 of 8; 4 of 28; 4 of 29;	25 of 0;	25 of 0;
Fault 12	25 of {2 2 2 };	25 of 0;	25 of 0;	25 of 0;	25 of 1;	25 of 0;	25 of 0;	25 of 0;

Table 6   Yes set of the outputs of 11 attribute set in 12 faults

Yes SET												
	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	
Fault1			{1 4 43 23 23 } {1 4 41 3 3241 } {1 4 434 3 343 } {1 4 41 23 21 } {1 4 41 23 21 } {4 43 4 3 3 } {4 41 4 321 34 } {1 4 4134 3 313 } {2 41 4 31 34 } {2 4 4 3 23 } {2 4314 4 3123 3 } {2 414 4 323 3 } {2 323 4 3 3 } {2 3 4 2 2 } {3 4 414 3 313 } {3 4 414 232									
Fault2			{2 3 434 3 3 } {2 323 434 2 2 } {1 434 43 23 23 } {1 434 4 2 2 } {4 4241 434 3141 34 } {4 41 4 341 34 } {4 3 4 34 34 } {2 434 434 3 343 } {2 434 4 32 32 } {3 4 4 3 3 } {1 414 434 232 12 } {1 4 434 323 3 } {1 4 3 2 2 } {1 4234 323 3 3 } {1 434 323 343 3 }									
Fault3			{1 34 23 21 21 } {1 3 312 2 2 } {1 3 2 2 212 } {2 3 23 21 21 } {1 3 4 3 32 } {2 2 3 3 3 } {1 13 4 12 2 } {1 3 12 2 12 } {2 3 12 2 12 } {2 3 212 2 212 } {4 4 313 3 3213 }	{12 12 1 } {1 1 12 } {21 1 12 } {1 212 212}							
Fault4			{1 41 41 31 31 }									
Fault5												
Fault6			{3 1 1 1 1 } {4 1 1 1 1 } {1 1 1 1 1 } {2 1 1 1 1 }									
Fault7												
Fault8			{1 4 4 1 2 } {2 4 4 1 2 } {2 4 4 1 2 } {1 4 4 1 2 } {1 4 4 1 2 }									
Fault9			{4 431 4 321 34 } {3 4 13 43 13 } {1 4 14 32 12 } {2 13 4 12 32 } {2 143 4 12 32 } {1 4 434 23 23 } {1 4 4 321 321 } {1 4 4 23 23 } {2 4 4 32 32 } {2 3 4 3 43 } {1 123 4 12 32 } {1 4 4 321 321 } {1 13 4 12 32 } {1 4 4 23 23 } {1 3 4 3 34 } {1 3 4 3 43 } {									
Fault10			{2 31 4 21 2 } {2 143 4 12 2 } {4 3 4 3 3 } {2 41 4 21 2 } {1 4 143 2 12 } {1 4 31 2 21 } {1 4 3 3 3 } {1 4 123 2 12 } {1 4 4 3 2 } {1 4 42 2 32 } {1 4 31 2 21 }									
Fault11												
Fault12			{4 3 3 2 2 } {1 3 4 2 3 } {4 3 3 2 2 } {2 4 3 3 2 } {1 3 4 2 3 } {4 3 3 2 2 } {2 4 3 3 2 } {4 3 3 2 2 } {4 3 3 2 2 } {1 3 4 2 3 } {2 4 3 3 2 } {4 3 3 2 2 }									