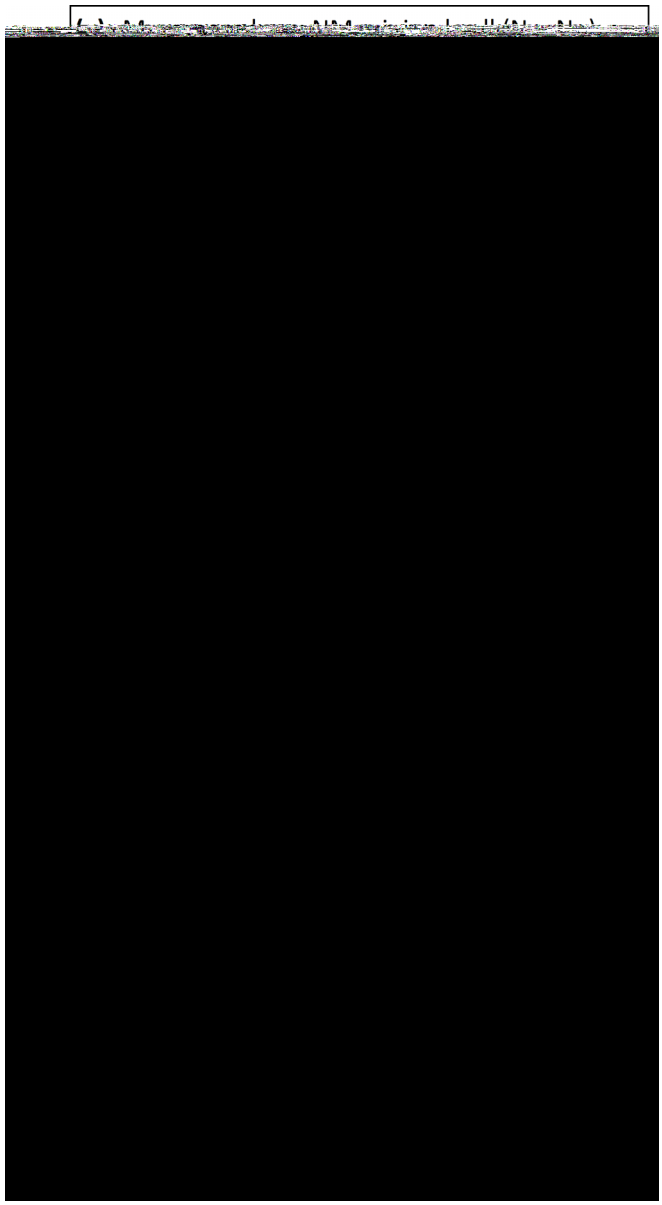
(1) [illegible] 41 , [illegible] 41 , [illegible] ΔE , [illegible] .

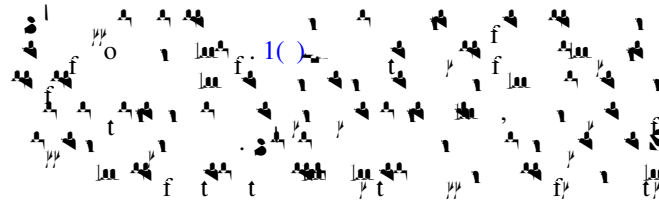
		(1)	(2)	(3)	(4)
[illegible]	[illegible]	**No**	**No**	**Yes**	**Yes**
	[illegible]	**No**	**Yes**	**No**	**Yes**
[illegible]	ΔE ([illegible] / [illegible] .)	0	−8	−255	−292
	[illegible] ( )	62%	62%	11%	6.5%
	[illegible] η( )	0	0.92%	0	2.2%
	[illegible]	[illegible]	[illegible]		

[illegible] ([illegible]). [illegible] E [illegible] . 1( ) [illegible] 3 [illegible] . 1( ) , [illegible] . 1( ) . [illegible]



. 2.

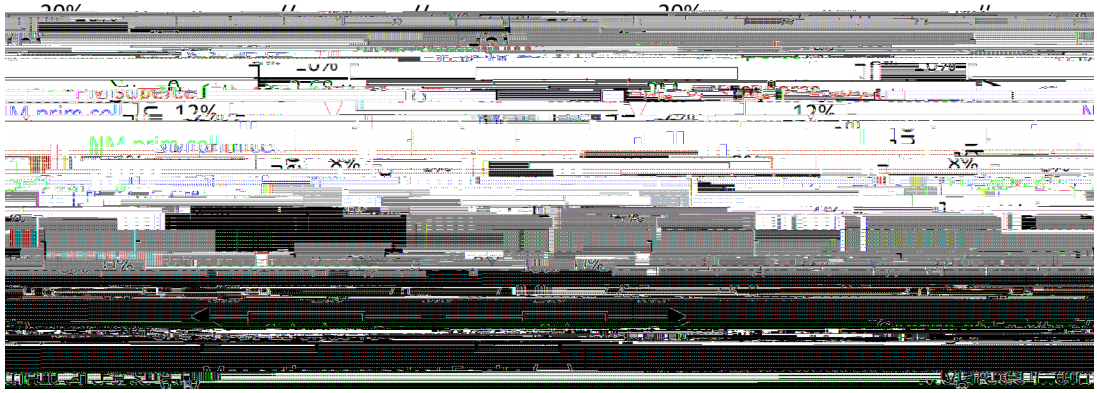
41



. 1(

[illegible] ($\alpha = \beta = \gamma = 90^\circ$) [illegible] 1 ([illegible]), [illegible] 8- [illegible] = 5.338 [illegible] = 5.521 [illegible] = 5.334 [illegible] = 5.524 [illegible] 300 [illegible] 41). [illegible] 001 [illegible] ([illegible] 1).

[illegible]



. 4. [illegible]

[illegible]

III. DISCUSSION

[illegible]

. 5. o f f −0.03 < E − EF < 0.02 t t , f

[illegible]. [illegible] o [illegible] f . 2 [illegible] : ( ) [illegible] o t [illegible] (,), ( ) [illegible] t o [illegible] (,), t ( ) [illegible] t o [illegible] (,).

[illegible] f [illegible] δ_1 [illegible] (11, 22, 33) (^{2}) [illegible] (11, 22, 33) (

APPENDIX D: PEAK ANALYSIS OF *A*-Γ BANDS IN THE CALCULATED SPECTRAL FUNCTION

[illegible] α-γ [illegible] o [illegible] (,) [illegible] o [illegible] t [illegible] t [illegible] f . 6( ), [illegible] t [illegible] ; [illegible] f . 1( ) , [illegible] o , [illegible] f . 6( ) [illegible] 6( ), [illegible] o [illegible] 34 36 , [illegible] f . 1( ), 1( ), [illegible] t 6( ).

1 . [illegible] t [illegible] f [illegible] , . . **52**, 555 (1929).

2 . [illegible] f f [illegible] . . f f , [illegible] , [illegible] . **88**, 428 (1913).

3 [illegible] , o [illegible] t [illegible] f [illegible] t t , . oo . [illegible] f . **2**, 65 (1969).

4 . . t [illegible] , *E* [illegible] *E* [illegible] - *D* [illegible] , *E* ([illegible] - [illegible] ,

31 [illegible] **357**, 71 (2017).

32 [illegible]