

**Table 2. The Mass Spectrum of  $I^G(J^{PC}) = 0^-(0^{--})$  states.**

M(MeV)	Configurations	[TS] combinations
$B^0_{\omega_0}(1390)$	$[(1S_{1/2})^2][(1p_{1/2}) (1S_{1/2})]$	[00][00]
$B^0_{\omega_0}(1585)$	$[(1S_{1/2})^2][(1p_{1/2}) (1S_{1/2})]$	[11][11]
$B^0_{\omega_0}(1725)$	$[(1p_{1/2}) (1S_{1/2})] [(1d_{3/2}) (1S_{1/2})]$	[11][11]
$B^0_{\omega_0}(1735)$	$[(1p_{1/2}) (1S_{1/2})] [(1d_{3/2}) (1S_{1/2})]$	[01][01]

**Table 3. The Mass Spectrum of  $I^G(J^{PC}) = 1^+(0^{--})$  states.**

M(MeV)	Configurations	[TS] combinations
$B^0_{\rho_0}(1330)$	$[(1S_{1/2})^2][(1p_{1/2}) (1S_{1/2})]$	[00][10]
$B^0_{\rho_0}(1585)$	$[(1S_{1/2})^2][(1p_{1/2}) (1S_{1/2})]$	[11][11]
$B^0_{\rho_0}(1595)$	$[(1S_{1/2})^2][(1p_{1/2}) (1S_{1/2})]$	[11][01]
$B^0_{\rho_0}(1725)$	$[(1p_{1/2}) (1S_{1/2})] [(1d_{3/2}) (1S_{1/2})]$	[11][01],[11][11]
$B^0_{\rho_0}(1735)$	$[(1p_{1/2}) (1S_{1/2})] [(1d_{3/2}) (1S_{1/2})]$	[01][11]

**Table 4. The Mass Spectrum of  $I^G(J^{PC}) = 0^-(0^{+-})$  states.**

M(MeV)	Configurations	[TS] combinations
$B^0_{h_0}(1810)$	$[(1S_{1/2})^2][(1d_{3/2}) (1S_{1/2})]$	[11][11]

**Table 5. The Mass Spectrum of  $I^G(J^{PC}) = 1^+(0^{+-})$  states.**

M(MeV)	Configurations	[TS] combinations
$B^0_{b_0}(1440)$	$[(1p_{1/2}) (1S_{1/2})]^2$	[00][10]
$B^0_{b_0}(1510)$	$[(1p_{1/2}) (1S_{1/2})]^2$	[01][11]
$B^0_{b_0}(1810)$	$[(1S_{1/2})^2][(1d_{3/2}) (1S_{1/2})]$	[11][01],[11][11]
$B^0_{b_0}(1950)$	$[(1d_{3/2}) (1S_{1/2})]^2$	[01][11],[02][12]

**Table 6. The Mass Spectrum of  $I^G(J^{PC}) = 0^-(2^{+-})$  states.**

M(MeV)	Configurations	[TS] combinations
$B^0_{h_2}(1615)$	$[(1S_{1/2})^2][(1d_{3/2}) (1S_{1/2})]$	[00][02]
$B^0_{h_2}(1810)$	$[(1S_{1/2})^2][(1d_{3/2}) (1S_{1/2})]$	[11][11],[11][12]
$B^0_{h_2}(1950)$	$[(1d_{3/2}) (1S_{1/2})]^2$	[01][02],[11][12]

**Table 7. The Mass Spectrum of  $I^G(J^{PC}) = 1^+(2^{+-})$  states.**

M(MeV)	Configurations	[TS] combinations
$B^0_{b_2}(1510)$	$[(1p_{1/2}) (1S_{1/2})]^2$	[01][11]
$B^0_{b_2}(1615)$	$[(1S_{1/2})^2][(1d_{3/2}) (1S_{1/2})]$	[00][12]
$B^0_{b_2}(1810)$	$[(1S_{1/2})^2][(1d_{3/2}) (1S_{1/2})]$	[11][01],[11][02],[11][11],[11][12]
$B^0_{b_2}(1950)$	$[(1d_{3/2}) (1S_{1/2})]^2$	[01][11],[01][12],[11][02],[11][12],[02][12]

**Table 8. The Mass Spectrum of  $I^G(J^{PC}) = 0^+(1^{-+})$  states.**

M(MeV)	Configurations	[TS] combinations
$B^0_{\eta_1}(1400)$	$[(1s_{1/2})^2][(1s_{1/2}) (1p_{1/2})]$	[00][01]
$B^0_{\eta_1}(1523)$	$[(1s_{1/2})^2][(1s_{1/2}) (1p_{1/2})]$	[11][10]
$B^0_{\eta_1}(1585)$	$[(1s_{1/2})^2][(1s_{1/2}) (1p_{1/2})]$	[11][11]
$B^0_{\eta_1}(1665)$	$[(1s_{1/2}) (1p_{1/2})][(1d_{3/2})(1s_{1/2})]$	[10][11]
$B^0_{\eta_1}(1725)$	$[(1s_{1/2}) (1p_{1/2})][(1d_{3/2})(1s_{1/2})]$	[00][01],[11][11],[11][12]
$B^0_{\eta_1}(1735)$	$[(1s_{1/2}) (1p_{1/2})][(1d_{3/2})(1s_{1/2})]$	[01][01],[01][02]