



GEMaC

Groupe d'Étude
de la Matière Condensée

EXTRACTION À PARTIR D'UNE MÉTHODE PUREMENT ÉLECTRIQUE DES ÉNERGIES DE BANDE INTERDITE DE L'ÉMETTEUR ET DE LA BASE DANS LES TRANSISTORS BIPOLAIRES

par Jaime MIMILA-ARROYO

> Résumé [DOCX - 18 Ko]/**/<!-- /* Font Definitions */@font-face {font-family:Arial; panose-1:2 11 6 4 2 2 2 2 4; mso-font-charset:0; mso-generic-font-family:auto; mso-font-pitch:variable; mso-font-signature:-536859905 -1073711037 9 0 511 0;}@font-face {font-family:"Cambria Math"; panose-1:2 4 5 3 5 4 6 3 2 4; mso-font-charset:0; mso-generic-font-family:auto; mso-font-pitch:variable; mso-font-signature:-536870145 1107305727 0 0 415 0;}@font-face {font-family:Calibri; panose-1:2 15 5 2 2 2 4 3 2 4; mso-font-charset:0; mso-generic-font-family:auto; mso-font-pitch:variable; mso-font-signature:-520092929 1073786111 9 0 415 0;} /* Style Definitions */p.MsoNormal, li.

MsoNormal, div.MsoNormal {mso-style-unhide:no; mso-style-qformat:yes; mso-style-parent:""; margin-top:0cm; margin-right:0cm; margin-bottom:10.0pt; margin-left:0cm; line-height:115%; mso-pagination:none; font-size:11.0pt; font-family:Calibri; mso-ascii-font-family:Calibri; mso-ascii-theme-font:minor-latin; mso-fareast-font-family:Calibri; mso-fareast-theme-font:minor-latin; mso-hansi-font-family:Calibri; mso-hansi-theme-font:minor-latin; mso-bidi-font-family:"Times New Roman"; mso-bidi-theme-font:minor-bidi; mso-ansi-language:EN-US; mso-fareast-language:EN-US;}.MsoChpDefault {mso-style-type:export-only; mso-default-props:yes; font-size:11.0pt; mso-ansi-font-size:11.0pt; mso-bidi-font-size:11.0pt; font-family:Calibri; mso-ascii-font-family:Calibri; mso-ascii-theme-font:minor-latin; mso-fareast-font-family:Calibri; mso-fareast-theme-font:minor-latin; mso-hansi-font-family:Calibri; mso-hansi-theme-font:minor-latin; mso-bidi-font-family:"Times New Roman"; mso-bidi-theme-font:minor-bidi; mso-ansi-language:EN-US; mso-fareast-language:EN-US;}.MsoPapDefault {mso-style-type:export-only; margin-bottom:10.0pt; line-height:115%; mso-pagination:none;}@page WordSection1 {size:596.0pt 842.0pt; margin:49.0pt 51.0pt 0cm 51.0pt; mso-header-margin:37.45pt; mso-footer-margin:36.0pt; mso-paper-source:0;}div.WordSection1 {page:WordSection1;}@page WordSection2 {size:596.0pt 842.0pt; margin:49.0pt 51.0pt 14.0pt 52.0pt; mso-header-margin:37.45pt; mso-footer-margin:0cm; mso-paper-source:0;}div.WordSection2 {page:WordSection2;}-->/**/

/<!-- /* Font Definitions */@font-face {font-family:Arial; panose-1:2 11 6 4 2 2 2 2 4; mso-font-charset:0; mso-generic-font-family:auto; mso-font-pitch:variable; mso-font-signature:-536859905 -1073711037 9 0 511 0;}@font-face {font-family:Times; panose-1:2 0 5 0 0 0 0 0 0 0; mso-font-charset:0; mso-generic-font-family:auto; mso-font-pitch:variable; mso-font-signature:3 0 0 0 1 0;}@font-face {font-family:"ＭＳ 明 朝"; mso-font-charset:78; mso-generic-font-family:auto; mso-font-pitch:variable; mso-font-signature:-536870145 1791491579 18 0 131231 0;}@font-face {font-family:"Cambria Math"; panose-1:2 4 5 3 5 4 6 3 2 4; mso-font-charset:0; mso-generic-font-family:auto; mso-font-pitch:variable; mso-font-signature:-536870145 1107305727 0 0 415 0;}@font-face {font-family:Cambria; panose-1:2 4 5 3 5 4 6 3 2 4; mso-font-charset:0; mso-generic-font-family:auto; mso-font-pitch:variable; mso-font-signature:-536870145 1073743103 0 0 415 0;} /* Style Definitions */p.MsoNormal, li.MsoNormal, div.MsoNormal {mso-style-unhide:no; mso-style-qformat:yes; mso-style-parent:""; margin:0cm; margin-bottom:.0001pt; mso-pagination:widow-orphan; font-size:11.0pt; font-family:Cambria; mso-ascii-font-family:Cambria; mso-ascii-theme-font:minor-latin; mso-fareast-font-family:Cambria; mso-fareast-theme-font:minor-latin; mso-hansi-font-family:Cambria; mso-hansi-theme-font:minor-latin; mso-bidi-font-family:"Times New Roman"; mso-bidi-theme-font:minor-bidi; mso-fareast-language:EN-US;}.MsoChpDefault {mso-style-type:export-only; mso-default-props:yes; font-size:11.0pt; mso-ansi-font-size:11.0pt; mso-bidi-font-size:11.0pt; font-family:Cambria; mso-ascii-font-family:Cambria; mso-ascii-theme-font:minor-latin;

mso-fareast-font-family:"ＭＳ 明朝"; mso-fareast-theme-font: minor-fareast; mso-hansi-font-family: Cambria; mso-hansi-theme-font: minor-latin; mso-bidi-font-family: "Times New Roman"; mso-bidi-theme-font: minor-bidi; mso-ansi-language: EN-GB; mso-fareast-language: JA;}@page WordSection1 {size: 612.0pt 792.0pt; margin: 70.85pt 70.85pt 70.85pt 70.85pt; mso-header-margin: 36.0pt; mso-footer-margin: 36.0pt; mso-paper-source: 0;}div.WordSection1 {page: WordSection1;}-->/**/**/ <!-- /* Font Definitions */@font-face {font-family: Arial; panose-1: 2 11 6 4 2 2 2 2 4; mso-font-charset: 0; mso-generic-font-family: auto; mso-font-pitch: variable; mso-font-signature: -536859905 -1073711037 9 0 511 0;}@font-face {font-family: "ＭＳ 明朝"; mso-font-charset: 78; mso-generic-font-family: auto; mso-font-pitch: variable; mso-font-signature: -536870145 1791491579 18 0 131231 0;}@font-face {font-family: "ＭＳ 明朝"; mso-font-charset: 78; mso-generic-font-family: auto; mso-font-pitch: variable; mso-font-signature: -536870145 1791491579 18 0 131231 0;}@font-face {font-family: Cambria; panose-1: 2 4 5 3 5 4 6 3 2 4; mso-font-charset: 0; mso-generic-font-family: auto; mso-font-pitch: variable; mso-font-signature: -536870145 1073743103 0 0 415 0;} /* Style Definitions */p.MsoNormal, li.MsoNormal, div.MsoNormal {mso-style-unhide: no; mso-style-qformat: yes; mso-style-parent: ""; margin: 0cm; margin-bottom: .0001pt; mso-pagination: widow-orphan; font-size: 11.0pt; font-family: Cambria; mso-ascii-font-family: Cambria; mso-ascii-theme-font: minor-latin; mso-fareast-font-family: Cambria; mso-fareast-theme-font: minor-latin; mso-hansi-font-family: Cambria; mso-hansi-theme-font: minor-latin; mso-bidi-font-family: "Times New Roman"; mso-bidi-theme-font: minor-bidi; mso-fareast-language: EN-US;} .MsoChpDefault {mso-style-type: export-only; mso-default-props: yes; font-size: 11.0pt; mso-ansi-font-size: 11.0pt; mso-bidi-font-size: 11.0pt; font-family: Cambria; mso-ascii-font-family: Cambria; mso-ascii-theme-font: minor-latin; mso-fareast-font-family: "ＭＳ 明朝"; mso-fareast-theme-font: minor-fareast; mso-hansi-font-family: Cambria; mso-hansi-theme-font: minor-latin; mso-bidi-font-family: "Times New Roman"; mso-bidi-theme-font: minor-bidi; mso-ansi-language: EN-GB; mso-fareast-language: JA;}@page WordSection1 {size: 612.0pt 792.0pt; margin: 70.85pt 70.85pt 70.85pt 70.85pt; mso-header-margin: 36.0pt; mso-footer-margin: 36.0pt; mso-paper-source: 0;}div.WordSection1 {page: WordSection1;}-->/**/