ISO/IEC JTC 1/SC 2/WG 2
PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS
FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646[1]
Please fill all the sections A, B and C below.
Please read Principles and Procedures Document (P & P) from http://www.dkuug.dk/JTC1/SC2/WG2/docs/principles.html **for guidelines and details before filling this form.**
Please ensure you are using the latest Form from http://www.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html.
See also http://www.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html **for latest *Roadmaps*.**

A. Administrative

1. **Title:** *Rumi Numeral System Symbols*
2. Requester's name: *Azzeddine LAZREK*
3. Requester type (Member body/Liaison/Individual contribution): *Member body, Cadi Aayyad University, Marrakech-Morocco*
4. Submission date: *2008-04-08*
5. Requester's reference (if applicable): *lazrek@ucam.ac.ma*
6. Choose one of the following:
    This is a complete proposal: *Yes*
    (or) More information will be provided later:

B. Technical – General

1. Choose one of the following:
    a. This proposal is for a new script (set of characters):
        Proposed name of script: *Rumi Symbols*
    b. The proposal is for addition of character(s) to an existing block:
        Name of the existing block:
2. Number of characters in proposal: *31*
3. Proposed category (select one from below - see section 2.2 of P&P document):

A-Contemporary	B.1-Specialized (small collection) *X*	B.2-Specialized (large collection)
C-Major extinct	D-Attested extinct	E-Minor extinct
F-Archaic Hieroglyphic or Ideographic		G-Obscure or questionable usage symbols

4. Is a repertoire including character names provided? *Yes*
    a. If YES, are the names in accordance with the "character naming guidelines"
        in Annex L of P&P document? *Yes*
    b. Are the character shapes attached in a legible form suitable for review? *Yes*
5. Who will provide the appropriate computerized font (ordered preference: True Type, or PostScript format) for publishing the standard? *Jim DeLaHunt*
    If available now, identify source(s) for the font (include address, e-mail, ftp-site, etc.) and indicate the tools used: *Jim DeLaHunt (/Azzeddine Lazrek), TrueType*
6. References:
    a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided? *Yes (see N3087)*
    b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached? *Yes (see N3087)*
7. Special encoding issues:
    Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc. (if yes please enclose information)? *Yes (see N3087)*

8. Additional Information:
Submitters are invited to provide any additional information about Properties of the proposed Character(s) or Script that will assist in correct understanding of and correct linguistic processing of the proposed character(s) or script. Examples of such properties are: Casing information, Numeric information, Currency information, Display behaviour information such as line breaks, widths etc., Combining behaviour, Spacing behaviour, Directional behaviour, Default Collation behaviour, relevance in Mark Up contexts, Compatibility equivalence and other Unicode normalization related information. See the Unicode standard at http://www.unicode.org for such information on other scripts. Also see http://www.unicode.org/Public/UNIDATA/UCD.html and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

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[1] Form number: N3102-F (Original 1994-10-14; Revised 1995-01, 1995-04, 1996-04, 1996-08, 1999-03, 2001-05, 2001-09, 2003-11, 2005-01, 2005-09, 2005-10, 2007-03)

C. Technical - Justification

1. Has this proposal for addition of character(s) been submitted before? *Yes*

    If YES explain   *Background document N3087 (L2/06-126); see also N3089 (bibliography)*

2. Has contact been made to members of the user community (for example: National Body,
user groups of the script or characters, other experts, etc.)? *Yes*

    If YES, with whom?   *Prof. Rosa Comes and others*

    If YES, available relevant documents: *http://www.ucam.ac.ma/fssm/rydarab/doc/unicode/rumibib.doc*

3. Information on the user community for the proposed characters (for example:
size, demographics, information technology use, or publishing use) is included? *Ca 100 million people*

    Reference: *Users of Arabic scripts*

4. The context of use for the proposed characters (type of use; commo3087n or rare) *rare*

    Reference:

5. Are the proposed characters in current use by the user community? *No*

    If YES, where? Reference:

6. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP? *No*

    If YES, is a rationale provided?

    If YES, reference:

7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)? *Yes*

8. Can any of the proposed characters be considered a presentation form of an existing character or character sequence? *No*

    If YES, is a rationale for its inclusion provided?

    If YES, reference:

9. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters? *No*

    If YES, is a rationale for its inclusion provided?

    If YES, reference:

10. Can any of the proposed character(s) be considered to be similar (in appearance or function) to an existing character? *No*

    If YES, is a rationale for its inclusion provided?

    If YES, reference:

11. Does the proposal include use of combining characters and/or use of composite sequences? *No*

    If YES, is a rationale for such use provided?

    If YES, reference:

    Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided?

    If YES, reference:

12. Does the proposal contain characters with any special properties such as control function or similar semantics? *No*

    If YES, describe in detail (include attachment if necessary)

13. Does the proposal contain any Ideographic compatibility character(s)? *No*

    If YES, is the equivalent corresponding unified ideographic character(s) identified?

    If YES, reference:

	10E6	10E7
0	10E60	10E70
1	10E61	10E71
2	10E62	10E72
3	10E63	10E73
4	10E64	10E74
5	10E65	10E75
6	10E66	10E76
7	10E67	10E77
8	10E68	10E78
9	10E69	10E79
A	10E6A	10E7A
B	10E6B	10E7B
C	10E6C	10E7C
D	10E6D	10E7D
E	10E6E	10E7E
F	10E6F	

Rumi Digits

10E60   RUMI DIGIT ONE
10E61   RUMI DIGIT TWO
10E62   RUMI DIGIT THREE
10E63   RUMI DIGIT FOUR
10E64   RUMI DIGIT FIVE
10E65   RUMI DIGIT SIX
10E66   RUMI DIGIT SEVEN
10E67   RUMI DIGIT EIGHT
10E68   RUMI DIGIT NINE

Rumi Tens Digits

10E69   RUMI NUMBER TEN
10E6A   RUMI NUMBER TWENTY
10E6B   RUMI NUMBER THIRTY
10E6C   RUMI NUMBER FORTY
10E6D   RUMI NUMBER FIFTY
10E6E   RUMI NUMBER SIXTY
10E6F   RUMI NUMBER SEVENTY
10E70   RUMI NUMBER EIGHTY
10E71   RUMI NUMBER NINETY

Rumi Hundreds Digits

10E72   RUMI NUMBER ONE HUNDRED
10E73   RUMI NUMBER TWO HUNDRED
10E74   RUMI NUMBER THREE HUNDRED
10E75   RUMI NUMBER FOUR HUNDRED
10E76   RUMI NUMBER FIVE HUNDRED
10E77   RUMI NUMBER SIX HUNDRED
10E78   RUMI NUMBER SEVEN HUNDRED
10E79   RUMI NUMBER EIGHT HUNDRED
10E7A   RUMI NUMBER NINE HUNDRED

## Rumi Special Fractions

10E7B   RUMI FRACTION ONE HALF
10E7C   RUMI FRACTION ONE QUARTER
10E7D   RUMI FRACTION ONE THIRD
10E7E   RUMI FRACTION TWO THIRDS

Rumi Properties

10E60;RUMI DIGIT ONE;No;0;R;;;1;1;N;;;;;
10E61;RUMI DIGIT TWO;No;0;R;;;2;2;N;;;;;
10E62;RUMI DIGIT THREE;No;0;R;;;3;3;N;;;;;
10E63;RUMI DIGIT FOUR;No;0;R;;;4;4;N;;;;;
10E64;RUMI DIGIT FIVE;No;0;R;;;5;5;N;;;;;
10E65;RUMI DIGIT SIX;No;0;R;;;6;6;N;;;;;
10E66;RUMI DIGIT SEVEN;No;0;R;;;7;7;N;;;;;
10E67;RUMI DIGIT EIGHT;No;0;R;;;8;8;N;;;;;
10E68;RUMI DIGIT NINE;No;0;R;;;9;9;N;;;;;
10E69;RUMI NUMBER TEN;No;0;R;;;;10;N;;;;;
10E6A;RUMI NUMBER TWENTY;No;0;R;;;;20;N;;;;;
10E6B;RUMI NUMBER THIRTY;No;0;R;;;;30;N;;;;;
10E6C;RUMI NUMBER FORTY;No;0;R;;;;40;N;;;;;
10E6D;RUMI NUMBER FIFTY;No;0;R;;;;50;N;;;;;
10E6E;RUMI NUMBER SIXTY;No;0;R;;;;60;N;;;;;
10E6F;RUMI NUMBER SEVENTY;No;0;R;;;;70;N;;;;;
10E70;RUMI NUMBER EIGHTY;No;0;R;;;;80;N;;;;;
10E71;RUMI NUMBER NINETY;No;0;R;;;;90;N;;;;;
10E72;RUMI NUMBER ONE HUNDRED;No;0;R;;;;100;N;;;;;
10E73;RUMI NUMBER TWO HUNDRED;No;0;R;;;;200;N;;;;;
10E74;RUMI NUMBER TREE HUNDRED;No;0;R;;;;300;N;;;;;
10E75;RUMI NUMBER FOUR HUNDRED;No;0;R;;;;400;N;;;;;
10E76;RUMI NUMBER FIVE HUNDRED;No;0;R;;;;500;N;;;;;
10E77;RUMI NUMBER SIX HUNDRED;No;0;R;;;;600;N;;;;;
10E78;RUMI NUMBER SEVEN HUNDRED;No;0;R;;;;700;N;;;;;
10E79;RUMI NUMBER EIGHT HUNDRED;No;0;R;;;;800;N;;;;;
10E7A;RUMI NUMBER NINE HUNDRED;No;0;R;;;;900;N;;;;;
10E7B;RUMI FRACTION ONE HALF;No;0;R;;;;1/2;N;;;;;
10E7C;RUMI FRACTION ONE QUARTER;No;0;R;;;;1/4;N;;;;;
10E7D;RUMI FRACTION ONE THIRD;No;0;R;;;;1/3;N;;;;;
10E7E;RUMI FRACTION TWO THIRDS;No;0;R;;;;2/3;N;;;;;

Line-breaking properties
.. Can the characters appear at the end of a line? Yes
.. Can the characters appear at the beginning of a line? Yes
.. Can numbers be broken across a line? No
.. Can the characters come between letters and cause them to not be breakable at the end of a line? No
.. Can surrounding characters be broken across the line even when this character is before/after? Yes
.. Do the characters have special or unusual behavior near the ends of lines? No