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## Editorial

The recent discovery, by astronomers using new instruments, of galaxies forming at a furious pace much deeper in space ( 11 billion light years from earth), and far earlier in time, than expected was not publicized enough. It confirmed the conclusion reached by a number of famous astronomers, who spent their professional lifetime coaxing secrets out of the stars, peering through telescopes (see figure on page 3) trying to learn more about the origins and destiny of the universe, that the world is much more complicated than can be explained by science. For those astronomers, recent scientific discoveries, such as the fact that the universe is expanding, offer support for spirituality and hints of the power of God. In this connection, the following facts stated in the Qur'an are worth noting

1) The expansion of the universe, which is the most imposing discovery of modern science, is referred to in the Qur'an.

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& \text { (EV سورة الذاريات - آية) }
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"We have built the firmament with might: and We indeed have the power and the means to extend it and


## Software for Teaching Salat

The new version of the multimedia program for teaching ablution and prayers entitled Learn to Pray (version 3) is now available. The program uses animation to explain the rituals of ablution and prayers, as performed by the Prophet (PBUH), in three languages - Arabic, English and Malay. The program is on a CD-ROM, works on windows 3.1 and 95 . It was developed by Global Islamic Software Co. (GISCO), and can be obtained from Digitek International Inc., 7631 Leesburg Pike, Suite B, Falls Church, VA 22043, Tel. (800) 33-SAKHR. ㅁ)



## Reflections

Dr. Ahmed K. Noor

## Mystery of the Pairs (or Two Sexes) <br> 

The principle of the pairs, and the existence of all things in the universe in couples, is a realty that we observe day and night, but few of us ponder over it seriously, and fewer understand the signs and pointers it contains. In this article, an attempt is made to explain this principle on the basis of the Qur'an.

Allah (SWT) tells us in the Qur'an, that everything in the world has been created in accordance with the principle of the pairs (see Qur'an 51:49). The whole system of the universe, as created by Allah (SWT), is functioning in accordance with the principle that certain things are either counterparts, or complementary and matching to certain others; and their combinations brings into being countless new forms and combinations. Nothing, except Allah (SWT), is so unique as may have no match.

## Pairs among Living Creations

The mystery of the pairs (or the two sexes) runs through all the living creations of Allah as described subsequently. All human beings are created from a single pair of parents:

"O ye people! We have created you from a single (pair) of a male and a female, and made you into nations and tribes that you may know one another."
(Qur'an 49:13) In human beings and animals, Allah (SWT) refers to the males and females in several verses, for example,

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& \text { (سورة الذاريات - آلية ع) }
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"And that He (Allah) creates the pairs - male and female". (Qur'an 53:45)

"And of himher He made two sexes male and female." (Qur'an 75:39)


And We have created you in pairs.
(Qur'an 78:8)

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& \text { •وَمَا حَـلـَتَ الذَّكَرَ وَالُّنَىَ } \\
& \text { (سورة الليل - آية ( }
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"And by Him who Created male and female."
(Qur'an 92:3)
The creation of human beings in pairs (Qur'an 78:8) does not only refer to male and female, but to opposite characteristics such as tall and short, good and bad,..etc.

In both humans and animals, the coming together of the male and female is the cause of procreation. The same law applies to vegetation.


"And of the fruit of every kind He
made pairs, two and two."
(Qur'an 13:3)

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& \text { وَأْنرَلْ مِسنَ الـسَّهـاءٍ مَاءً فَأَخْرَجْنَا }
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& \text { (or سورة طه - من آية) }
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"He has sent down water (rain)from the sky. Within have We produced diverse pairs of plants each separate from the others." (Qur'an 20:53)

"We send down water (rain) from the sky, and produce on the earth every kind of noble creature, in pairs."
(Qur'an 31:10)



زَوْجِ بَهِهِيجِ •
(V سورة ق - آية)
"And the earth - We have spread it out, and set thereon mountains standing firm, and produced therein every kind of beautiful growth (in pairs)."
(Qur'an 50:7)
Allah created the plants with their productive apparatus - like animals male stamens and female pistils. Allah send the winds to put the pollen of the male tree on to the ovaries of the female tree.

"And We send the impregnating winds."
(Qur'an 15:22)

Also, the clouds as vapor are manipulated by the winds, which set up atmospheric currents resulting in condensation and the descent of rain.

## Pairs among Lifeless Creations

Even the lifeless (in human terms inanimate) and the forces of nature are created in pairs. Notice the word "thing" in the Qur'an 51:49, cited at the beginning of the article. Many examples of the inanimate pairs can be cited. The positive and negative electricity. The atom itself has positively charged protons in its nucleus, and negatively charged electrons revolving around the nucleus. The close affinity between the positive and negative electric charges results in wonderful things. The night and the day are pairs of opposites created by Allah (SWT):

"It is He (Allah) who created the night and the day."
(Qur'an 21:33)
Allah created the night and the day for the benefit of humans, and possibly, other creations. The night provides rest, while the day promotes activity.

The evil and the good are a pair of opposites. Their presence is important for our worldly life:

## Continued from page 1 <br> Editorial

expand it"
(Qur'an 51:47)
The verse shows that the huge universe created by Allah is not a finished work, but Allah is expanding it continuously, and new manifestation of Allah's creation are appearing in it every moment.
2) The more a person is aware, conscious and knowledgeable of the power, and other attributes, of Allah, the more he/she will fear His disobedience.


"And We test you by evil and by good, by way of trial."
(Qur'an 21:35)
The presence of evil makes the person discover his/her weakness and his/her strengths. The wise person strengthen his/her communication with the true source of power, Allah (SWT), to overcome his/her weakness.

Even the numbers are divided into even and odd. It is Allah (SWT) who created all the pairs:

"That has created pairs in all things,"
(Qur'an 43:12)
The pairs that Allah (SWT) created include the earth's produce, mankind, and other creations that we have no knowledge about:


Glory be to Allah who created in pairs
"Those truly fear Allah, among His servants who have knowledge."
(Qur'an 35:28)
3) Despite the recent discoveries, our knowledge about the universe, and about our own selves is very limited.

"Of knowledge it is only a little that is communicated to you."
(Qur'an 17:85)
4) We are repeatedly encouraged in the Qur'an to reflect and ponder on the wonderful administration of the heavens and the earth, so that we can come to the conclusion that every particle of Allah's creation is a clear evidence of the truth of the Divine message relayed to us in
all things that the earth produces, as well as their own (human) kind and other things of which they have no knowledge."
(Qur'an 36:36)

## Signs and Pointers Contained

 in the Principle of Pairs- The principle of the pairs contains in itself such complexities and finesses of wisdom and workmanship, and the mutual relationships between the members of each pair can neither be the result of an accident, or the creations of many gods. Rather it is a strong demonstration that the creator is One and only One.
- The reality of the pairs testifies expressly to the necessity of the hereafter as the match and partner of the present life. Without partner, the present worldly life would be absolutely fruitless.
I pray to Almighty Allah to give us the strength to use our faculties in enhancing our appreciation of the signs and pointers given to us in the Qur'an.

the Qur'an.

"Have they never considered the functioning of the heavens and the earth."
(Qur'an 7:185)
We pray to Almighty Allah to make us benefit from the signs of the Qur'an. Ameen


The 15 m James Clerk Maxwell Telescope on Mana K ea , Hawaii



## Characteristics of Prophet Ibrahim (Abraham) as described in the Qur'an

وصف القر آن لصفات و فضل إبراهيم عليه السلام

Prophet Ibrahim is distinguished in Muslim theology with the title Khalilu Allah (friend of Allah). His faith was pure and true, and his conduct was firm and righteous in all circumstances. He was the fountainhead of the present monotheistic tradition, the patriarch of the prophetic line, and is revered alike by Jews, Christians, and Muslims.

True and sound in Faith, and one who bowed his will to Allah (Qur'an 3:67)

حنيفا مسلها


Devoutly obedient to Allah, hanif (true in faith), his faith equal to that of an Ummah, and he joined not gods with Allah (Qur'an 16:120)
أمة قانتا لله حنيفا ولم يك من المشر كين
MY • M M مورة النحل - من آية

## One of Our (Allah's) believing

 servants (Qur'an 37:111)من عبادنا المؤمنين

سورة الصافات - من آية 111

A man of truth, a prophet (Qur'an 19:41)

صديقا نبيا
سورة مريم - من آية !
Forbearing (of faults), compassionate, and given to penitence (Qur'an 11:75)
v سورة هود - من آواه منيب vo v

Fulfilled (or conveyed) all what Allah ordered him to do (or convey)

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& \text { (Qur'an 53:37) } \\
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An excellent example to follow
(Qur'an 60:4)
أسوة حسنة
سورة الممتحنة - من آية • ع

He approached his Lord with a sound heart (Qur'an 37:84)

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Allah did take him for a friend (Qur'an 4:125)
اتخذ الله إبراهيم خليلا
سورة النساء - من آية 1 Y


